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# United States Department of Agriculture

## PLANT QUARANTINE AND CONTROL ADMINISTRATION SERVICE AND REGULATORY ANNOUNCEMENTS

### ANNUAL LETTER OF INFORMATION NO. 41

#### PESTS COLLECTED FROM IMPORTED PLANTS AND PLANT PRODUCTS FROM JANUARY 1 TO DECEMBER 31, 1928, INCLUSIVE

##### FOREWORD

For the purpose of indicating the manner in which various insects and plant diseases may arrive from foreign countries, all interceptions listed in this letter are given under the respective headings, Cargo, Mail, Baggage, Quarters, and Stores. This method will enable one to compare the pest risk which accompanies the entry of plants and plant products under the several headings listed above, which was not possible in previous Letters of Information. As pointed out in Annual Letter of Information No. 40, it is frequently difficult to determine the origin of food supplies (fruits and vegetables) carried as ships' stores, it being necessary to accept the statement of the steward of the vessel concerned as to the country of purchase.

This list was compiled from the records of the inspectors and collaborators, State and customs officials, of the Federal Horticultural Board (since July 1, 1928, Plant Quarantine and Control Administration). Unfortunately, interceptions made in Hawaii were delayed in reaching Washington and could not be incorporated in this letter. It may be pointed out, however, that a number of important interceptions were made by officials of the Hawaiian Department of Agriculture serving as collaborators. For the most part, the insect identifications were made by the specialists of the Bureau of Entomology and the plant disease determinations by specialists of the Bureau of Plant Industry.

##### FRUIT FLIES

The following fruit flies were intercepted: West Indian fruit fly (*Anastrepha fraterculus*) in guava from Cuba, mango from Cuba, Haiti, and Jamaica, grape from Peru, and sapodilla from Trinidad; Mexican fruit fly (*Anastrepha ludens*) in avocado, guava, mamey, mango, orange, pomegranate, and sapote from Mexico; *Anastrepha serpentina* in nispero from Curacao; *Anastrepha* sp. in loquat and Surinam cherry from Bermuda, *Eugenia malaccensis* from Costa Rica, mango from Cuba, Haiti, Honduras, Jamaica, and Mexico, mamey from Mexico, chico from Salvador; melon fly (*Bactrocera cucurbitae*) in cucumber and string bean from Hawaii; Mediterranean fruit fly (*Ceratitidis capitata*) in peach from France, pear from Greece, coffee berry, mango, papaya from Hawaii, locust pod, sour orange, and tangerine from Italy, loquat from the Madeira Islands, orange and pomegranate from Spain, and miscellaneous interceptions (hosts unknown) from Italy and the Madeira Islands; *Ceratitidis* sp. in orange from Italy and prickly pear from the Madeira Islands; olive fly (*Dacus oleae*) in olive from Greece, Italy, Portugal, and Spain; trypetid in quince from Greece, string bean and tomato from Hawaii, and Mandarin from India.

##### MISCELLANEOUS INSECTS

Chestnuts were infested with the following insects: *Balaninus* sp. (Curculionidae) from China, Italy, Japan, Orient, Spain, and Switzerland; *Laspeyresia splendana reaumurana* (Olethreutidae) from France,



Italy, Japan, and Spain; *Laspeyresia* sp. (Olethreutidæ) from Italy and Japan; *Balaninus* sp. (Curculionidæ) also arrived with packing of chestnuts, walnuts, and pears from England.

The following insects were taken on fruit and rose stocks from France: Dagger moth (*Acronycta auricoma*) on apple, cherry, Doucin, Mahaleb, Manetti, Myrobalan, pear, plum, and quince; sorrel cutworm (*Acronycta rumicis*) on apple, cherry, Multiflora, pear, plum, quince, and rose; *Acronycta* sp. (Noctuidæ) on apple, cherry, Manetti, and plum; white tree pierid (*Aporia crataegi*) on apple and pear; *Calophasia lunula* (Noctuidæ) on apple and quince; *Miselia suasa* (Noctuidæ) on rose; European tussock moth (*Notolophus antiqua*) on apple, Doucin, pear, plum, quince, and rose; brown-tail moth (*Nygmia phaeorrhoea*) on apple and pear; *Papilio machaon* (Papilionidæ) on cherry; *Papilio podalirius* (Papilionidæ) on Mahaleb; *Papilio* sp. on cherry.

Rose stocks were also infested as follows: *Emphytus cinctus* (sawfly) from England, France, Ireland, and the Netherlands; *Empria* sp. (sawfly) from France and Ireland, European tussock moth (*Notolophus antiqua*) from the Netherlands.

The lesser bulb fly (*Eumerus strigatus*) was intercepted in onion from Canada and Spain, lily from France, and hyacinth, iris, lily, narcissus, and onion from the Netherlands. *Eumerus* sp. (Syrphidæ) was taken in lily from France, narcissus and onion from Germany, and hyacinth, narcissus, and onion from the Netherlands. *Merodon* sp. (Syrphidæ) arrived with hyacinth from France and with hyacinth and narcissus from the Netherlands.

The European corn borer (*Pyrausta nubilalis*) was intercepted in corn from Canada and Italy. The pink bollworm (*Pectinophora gossypiella*) was found in cottonseed in restricted bagging from Belgium; in cottonseed from Dominican Republic and Egypt; in cotton boll, raw cotton and cotton from Hawaii, in cottonseed and bolls from India; and in seed cotton (boll) from Mexico.

Avocados from the Canal Zone and Honduras were infested with *Heilipus* sp. (Curculionidæ). *Conotrachelus aguacatae*, *C. perseae* and *C.* sp. were intercepted in avocados from Mexico. *Stenomoma* sp. (Stenomidæ) accompanied avocado from the Canal Zone, avocado and soursop from Honduras, and cherimoya from Mexico. The mango weevil (*Sternonchetus mangiferae*) was found in mango seed from Hawaii.

The sugar-cane moth borer of India (*Chilo simplex*) arrived with bamboo shoots and rice straw from Japan. The vine moth (*Polychrosis botrana*) was intercepted in fresh grape from Italy. Turnips from Belgium, England, France, and the Netherlands were infested with the turnip gall weevil (*Ceutorhynchus pleurostigma*).

The bean-pod borer (*Maruca testulalis*) infested Lima and string beans from Cuba and green beans from Haiti. *Palaeopus costicollis* (Curculionidæ) arrived with yams from Jamaica. Globe artichokes from France and Italy were infested with *Apion carduorum* (Curculionidæ). *Brachycerus albidentatus* (Brachyceridæ) was taken in garlic from Italy. The citrus blackfly (*Aleurocanthus woglumi*) was intercepted on various hosts from Costa Rica, Cuba, and Jamaica.

The durra stem borer (*Sesamia critica*) was intercepted in broom-corn from Italy. A banana stalk from Cuba was infested with the banana root borer (*Cosmopolites sordidus*). The West Indian sweet-



potato weevil (*Euscepes batatae*) was found in sweet potato from Brazil and Porto Rico and yam from Brazil. *Cylas turcipennis* (Curculionidae) was intercepted in sweet potato from Japan and the Straits Settlements.

#### MISCELLANEOUS PLANT DISEASES

This year, as in previous years, cosmopolitan plant diseases have been collected on plant material arriving at various ports. A few of the more important plant-disease interceptions include citrus canker (*Pseudomonas citri*) on *Citrus sinensis* and *C. grandis* from China; and the black-spot disease (*Phoma citricarpa*) on *Citrus sinensis* from China, Japan, and Spain. Potato-disease interceptions include the skin spot (*Oospora pustulans*) from Belgium, England, Germany, Norway, and Scotland, and powdery scab (*Spongospora subterranea*) from England, France, Germany, Malta, Norway, and Spain. The bulb eelworm (*Tylenchus dipsaci*) was found in bulbs of Allium, Iris, and Narcissus from the Netherlands and in bulbs of *Muscari comosum* from Italy.

#### INTERCEPTIONS MADE ON THE "GRAF ZEPPELIN"

Upon the arrival of the *Graf Zeppelin* from Germany at the United States Navy air station, Lakehurst, N. J., on October 15, 1928, inspectors of the administration made the customary examination of the passengers' baggage, etc., in cooperation with representatives of the Customs Service. No plants or plant products were found in the cargo or in passengers' baggage. However, three bouquets of flowers—roses, carnations, and chrysanthemums—were located in the passengers' quarters, all of which were abandoned for destruction. A careful examination of these flowers resulted in the finding of seven species of insects and two plant diseases, as follows: Chrysanthemum—*Aphis* sp., *Myzus persicae*, Coccinae, *Lecanium* sp., *Thrips tabaci* pulla, eggs and cocoons of a Noctuid; carnation—leaf spot *Heterosporium echinulatum*; rose—*Tritogenaphis sonchi*, *Typhlocyba rosae*, and leaf and stem disease *Sphaceloma rosarum*.

While these insects and plant diseases may not represent pests new to the United States, they attract interest in that they were among the interceptions made on the occasion of the first lighter-than-air commercial trans-Atlantic voyage.

List, by countries, of pests collected and reported from January 1 to December 31, 1928, inclusive

[The numbers in the columns under the headings Cargo, Mail, Baggage, etc., indicate the number of infested or infected importations of plants or plant products. All findings marked with an asterisk indicate State inspection]

Country of origin and name of pest	Host	Number of interceptions in—					Collected in—
		Cargo	Mail	Baggage	Quarters	Stores	
AFRICA							
Insects:							
Chrysomphalus dictyospermi (Coccidae).	Phoenix sp.-----	-----	-----	-----	1	-----	Massachusetts.
Corcyræ cephalonica (Pyralidae).	Theobroma cacao (cacao bean).	1	-----	-----	-----	-----	California.*
Dermestes sp. (Dermestidae).	-----do.-----	1	-----	-----	-----	-----	Do.*
Dermestid.....	-----do.-----	1	-----	-----	-----	-----	Do.*
Ephestia sp. (Pyralidae).	-----do.-----	15	-----	-----	-----	-----	Do.*

List, by countries, of pests collected and reported from January 1 to December 31, 1928, inclusive—Continued

Country of origin and name of pest	Host	Number of interceptions in—					Collected in—
		Cargo	Mail	Baggage	Quarters	Stores	
ALGERIA							
Insects:							
Apion sp. (Curculionidae).....	Lavatera maritima (seed).....	1					District of Columbia.
Aspidiotus heredae (ivy scale).....	Citrus limonia (lemon).....					1	Pennsylvania.
Baris picicornis (Curculionidae).....	Ipomoea batatas (sweet-potato).....					1	Do.
Chrysomphalus aonidium (Florida red scale).....	Citrus sinensis (orange).....					1	Do.
Chrysomphalus dictyospermi var. (Coccidae).....	Citrus nobilis deliciosa (tangerine) (leaf).....					1	Do.
Do.....	Citrus sinensis (orange) (leaf).....					1	Do.
Coccus hesperidum (soft brown scale).....	do.....					1	Do.
Lepidosaphes beckii (purple scale).....	Citrus limonia (lemon).....					1	Do.
Lepidosaphes gloverii (Glover's scale).....	Citrus sinensis (orange).....					2	Do.
Parlatoria pergandii (chaff scale).....	Citrus sinensis (orange) (leaf and twig).....					1	Massachusetts.
Do.....	Citrus sinensis (orange).....					1	Do.
Do.....	do.....					2	Pennsylvania.
Parlatoria ziziphus (Coccidae).....	Citrus nobilis deliciosa (tangerine) (leaf).....					1	Do.
Do.....	Citrus sinensis (orange).....					1	Massachusetts.
Do.....	do.....					4	Pennsylvania.
Do.....	Citrus sinensis (orange) (leaf).....					1	Do.
Phthorimaea operculella (potato tuber worm).....	Solanum tuberosum (potato).....					1	Massachusetts.
Do.....	do.....					5	Pennsylvania.
Platyedra vilella (Gelechiidae).....	Lavatera maritima (seed and heads).....	1					District of Columbia.
Pseudococcus citri (citrus mealybug).....	Cucurbita pepo (pumpkin).....					1	Pennsylvania.
Rhizoglyphus sp. (mite).....	Allium cepa (onion).....					1	Do.
Do.....	Solanum tuberosum (potato).....					3	Do.
Do.....	do.....					1	South Carolina.
Sciara sp. (Mycetophilidae).....	Allium cepa (onion).....					3	Pennsylvania.
Do.....	Solanum tuberosum (potato).....					1	Do.
Tyroglyphus sp. (mite).....	do.....					1	Do.
Diseases:							
Actinomyces scabies.....	do.....					1	Do.
Do.....	do.....					1	South Carolina.
Cladosporium carpophilum.....	Amygdalus persica (peach).....					1	Rhode Island.
Fusarium sp.....	Solanum tuberosum (potato).....					1	Florida.*
Penicillium italicum.....	Citrus sinensis (orange).....					1	Pennsylvania.
Puccinia allii.....	Allium sativum (garlic) (stem).....					1	South Carolina.
Spondylocadium atrovirens.....	Solanum tuberosum (potato).....					1	Florida.*
ARGENTINA							
Insects:							
Anisodactylus cupripennis (Carabidae).....	Quebracho wood.....	1					Alabama.
Anisolabis sp. (earwig).....	Zea mays (corn).....	1					Pennsylvania.
Aspidiotus perniciosus (San Jose scale).....	Prunus domestica (plum).....	4					New York.
Do.....	Pyrus communis (pear).....	1					Do.
Atherigona sp. (Anthomyiidae).....	Solanum tuberosum (potato).....					1	Massachusetts.
Bradycellus sp. (Carabidae).....	Vitis ps. (grape).....	1					New York.
Carpocapsa pomonella (codling moth).....	Pyrus communis (pear).....	1					Do.
Cassida sp. (Chrysomelidae).....	Vitis p. (grape).....	1					Do.
Chrysobothris sp. (Buprestidae).....	Quebracho wood.....	1					Alabama.
Chrysomphalus aonidium (Florida red scale).....	Citrus sinensis (orange).....			1			California.*
Chrysomphalus dictyospermi var. (Coccidae).....	Citrus sp. (leaf).....					1	Pennsylvania.

List, by countries, of pests collected and reported from January 1 to December 31, 1928, inclusive—Continued

Country of origin and name of pest	Host	Number of interceptions in—					Collected in—
		Cargo	Mail	Baggage	Quarters	Stores	
ARGENTINA—Continued							
Insects—Continued.							
Clerid.....	Zea mays (corn).....	1	—	—	—	—	Maryland.
Coccinella anchoralis (Coccinellidae).	Vitis sp. (grape).....	1	—	—	—	—	New York.
Coccus hesperidum (soft brown scale).	Citrus sp. (leaf).....	—	—	—	—	1	Pennsylvania.
Dermestes sp. (Dermestidae).	On bag containing shelled corn.	1	—	—	—	—	Do.
Do.....	Quebracho wood.....	1	—	—	—	—	Alabama.
Do.....	Zea mays (corn).....	2	—	—	—	—	Pennsylvania.
Diaspis boisduvalii (Boisduval's scale).	Orchid.....	—	—	—	1	—	Do.
Entomobrya sp. (Collembola).	Solanum tuberosum (potato).	—	—	—	—	1	Do.
Euxesta sp. (Ortaliidae).....	Brassica rapa (turnip).....	—	—	—	—	1	Do.
Do.....	Cucumis melo (Honey Dew melon).	1	—	—	—	—	New York.
Do.....	Solanum tuberosum (potato).	—	—	—	—	1	Pennsylvania.
Histiostoma sp. (mite).....	do.....	—	—	—	—	1	Do.
Lepidosaphes beekii (purple scale).	Citrus limonia (lemon).....	—	—	—	—	1	Do.
Do.....	do.....	—	—	—	—	1	South Carolina.
Do.....	Citrus sinensis (orange).....	—	—	1	2	3	California.*
Do.....	Citrus sp. (leaf).....	—	—	—	—	2	Pennsylvania.
Parlatoria pergandii (chaff scale).	Citrus sinensis (orange).....	—	—	—	1	1	California.*
Parlatoria sp. (Coccidae).....	do.....	—	—	1	—	—	Do.*
Passandra sp. (Cucujidae).....	Quebracho wood.....	1	—	—	—	—	Alabama.
Philoscia variegata (isopod).....	Orchid.....	—	—	—	1	—	Pennsylvania.
Phthorimaea operculella (potato tuber worm).	Solanum tuberosum (potato).	—	—	—	—	1	Massachusetts.
Do.....	do.....	—	—	—	—	3	Pennsylvania.
Phycitinae (Pyralidae).....	Cucumis melo (Honey Dew melon).	1	—	—	—	—	New York.
Pseudococcus citri (citrus mealybug).	Vitis sp. (grape) (stem).....	1	—	—	—	—	Do.
Pseudococcus maritimus (Coccidae).	Amygdalus persica (peach).....	—	—	—	—	1	Do.
Pyralid.....	Zea mays (corn).....	1	—	—	—	—	Pennsylvania.
Rhizoglyphus sp. (mite).....	Allium cepa (onion).....	—	—	—	—	2	Do.
Do.....	Solanum tuberosum (potato).	—	—	—	—	1	Do.
Sciara sp. (Mycetophilidae).....	do.....	—	—	—	—	2	Massachusetts.
Solenopsis sp. (ant).....	do.....	—	—	—	—	1	Do.
Tenebrionid.....	Quebracho wood.....	1	—	—	—	—	Alabama.
Toxoptera aurantiae (aphid).....	Citrus sp. (leaf).....	—	—	—	—	1	Pennsylvania.
Urophorus humeralis (Nitidulidae).	Allium cepa (onion).....	—	—	—	—	1	Do.
Diseases:							
Actinomyces scabies.....	Solanum tuberosum (potato).	—	—	—	—	1	Florida.*
Do.....	do.....	—	—	—	—	4	Pennsylvania.
Cladosporium sp.....	Zea mays (corn).....	1	—	—	—	—	Do.
Fusarium sp.....	Solanum tuberosum (potato).	—	—	—	—	1	Florida.*
Do.....	Zea mays (corn).....	1	—	—	—	—	Pennsylvania.
Gloeosporium sp.....	Citrus sinensis (orange).....	—	—	—	1	—	California.*
Penicillium digitatum.....	Citrus limonia (lemon).....	—	—	—	—	1	Pennsylvania.
Penicillium sp.....	Zea Mays (corn).....	1	—	—	—	—	Do.
Rhizoctonia solani.....	Solanum tuberosum potatato).	—	—	—	—	1	Do.
Sphaceloma citri.....	Citrus limonia (lemon).....	—	—	—	—	1	Do.
Spondylocidium atrovirens.	Solanum tuberosum (potato).	—	—	—	—	1	Do.
AUSTRALIA							
Insects:							
Bruchus sp. (Bruchidae).....	Cassia eremophila.....	1	—	—	—	—	District of Columbia.
Chrysomphalus aonidium (Florida red scale).	Palm.....	—	—	1	—	—	California.*
Chrysomphalus aurantii (California red scale).	Citrus sinensis (orange).....	—	—	—	—	1	Do.*



List, by countries, of pests collected and reported from January 1 to December 31, 1928, inclusive—Continued

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		Cargo	Mail	Baggage	Quarters	Stores	
AUSTRALIA—Continued							
Insects—Continued.							
Chrysomphalus dictyospermi (Coccidae).	Citrus sinensis (orange)	---	---	---	---	1	Pennsylvania.
Curculionid.	Ricinocarpus pinifolius	---	1	---	---	---	District of Columbia
Entomobrya sp. (Collembola).	In packing about Kentia palm seeds.	1	---	---	---	---	Pennsylvania.
Lepidosaphes beckii (purple scale).	Citrus grandis (grapefruit)	---	---	1	---	---	California.*
AUSTRIA							
Insects:							
Cephennium thoracicum (Scydmaenidae).	In moss and soil around begonia roots.	---	1	---	---	---	Massachusetts.
Hermannia sp. (mite).	do	---	1	---	---	---	Do.
Hylemyia sp. (Anthomyiidae).	In soil around dahlia roots.	---	1	---	---	---	Pennsylvania.
Mniophila sp. (Chrysomelidae).	In moss and soil around begonia roots.	---	1	---	---	---	Massachusetts.
Ortheziola vej dovskyi (Coccidae).	do	---	1	---	---	---	Do.
Porcellio rathkei (isopod).	do	---	1	---	---	---	Do.
Diseases:							
Actinomyces scabies.	Solanum tuberosum (potato).	---	---	---	---	1	Florida.*
Venturia inaequalis.	Malus sylvestris (apple)	---	1	---	---	---	Pennsylvania.
AZORES							
Insects:							
Anisolabis annulipes (earwig).	In trunk containing dash-eens, limes, and soil.	---	---	1	---	---	Rhode Island.
Ceutorhynchus sp. (Curculionidae).	Brassica rape (white radish turnip).	---	---	---	---	1	Pennsylvania.
Codiosoma spadix (Curculionidae).	Colocasia esculenta (dash-een).	---	---	1	---	---	Massachusetts.
Diaspis bromeliae (Coccidae).	Ananas sativus (pine-apple).	1	---	---	---	---	Rhode Island.
Lepidosaphes beckii (purple scale).	Citrus limetta (sweet lime)	---	---	2	---	---	Massachusetts.
Do.	do	---	---	1	---	---	Rhode Island.
Do.	Citrus limonia (lemon)	---	---	1	---	---	Massachusetts.
Do.	Citrus sinensis (orange) (tree).	---	---	1	---	---	Rhode Island.
Do.	Citrus sinensis (orange)	---	---	2	---	---	Do.
Sciara sp. (Mycetophilidae).	Colocasia esculenta (dash-een).	---	---	1	---	---	Do.
Targionia bromeliae (Coccidae).	Ananas sativus (pine-apple)	---	---	---	---	1	New York.
Do.	do	1	---	---	---	---	Rhode Island.
BAHAMAS							
Insects:							
Aleuroplatus sp. (whitefly).	Leaves	---	---	---	1	---	Florida.*
Aspidiotus cocotiphagus (Coccidae).	Cocos nucifera (coconut)	---	---	1	1	---	Do.*
Aspidiotus lataniae (Coccidae).	Achras sapota (sapodilla)	---	---	2	---	---	Do.*
Cecidomyiid.	Leaves	---	---	1	---	---	New York.
Chrysomphalus aonidium (Florida red scale).	Benzoin aestivale (spice-bush).	---	---	1	---	---	Florida.*
Cycloptilum trigonipalpus (Gryllidae).	Gossypium sp. (cotton) (boll).	---	---	1	---	---	New York.
Diaspis boisduvalii (Boisduval's scale).	Cocos nucifera (coconut)	---	---	1	---	---	Florida.*
Gelechiid.	Lycopersicum esculentum (tomato).	1	---	---	---	---	New York.
Heliothis obsoleta (corn ear worm).	do	2	---	---	---	---	Do.
Heliothis virescens (Noctuidae).	do	1	---	---	---	---	Do.
Heliothis sp. (Noctuidae).	do	4	---	---	---	---	Do.
Howardia biclavus (mining scale).	Achras sapota (sapodilla)	---	---	1	---	---	Florida.*
Lepidosaphes beckii (purple scale).	Citrus aurantifolia (lime)	---	---	---	1	---	Do.*

List, by countries, of pests collected and reported from January 1 to December 31, 1928, inclusive—Continued

Country of origin and name of pest	Host	Number of interceptions in—					Collected in—
		Cargo	Mail	Baggage	Quarters	Stores	
BAHAMAS—Continued							
Insects—Continued.							
Noctuid .....	<i>Lycopersicum esculentum</i> (tomato).	2					New York.
<i>Parlatoria pergandii</i> (chaff scale).	<i>Citrus aurantifolia</i> (lime).				1		Florida.*
<i>Prenolepis longicornis</i> (crazy ant).	<i>Lycopersicum esculentum</i> (tomato).	1					New York.
<i>Pseudaonidia articulatus</i> (rufous scale).	<i>Benzoin aestivale</i> (spice-bush).			1			Florida.*
Do .....	<i>Coffea</i> sp. (coffee).....			1			Do.*
Do .....	<i>Rosa</i> sp. (rose).....				1		Do.*
<i>Pseudischinaspis alienus</i> (Coccidae).	<i>Benzoin aestivale</i> (spice-bush).			1			Do.*
<i>Pseudococcus maritimus</i> (Coccidae).	<i>Lycopersicum esculentum</i> (tomato).	1					New York.
<i>Pseudococcus</i> sp. (Coccidae).	<i>Dioscorea</i> sp. (yam).....				1		Florida.*
Diseases:							
<i>Melanconium sacchari</i> .....	<i>Saccharum officinarum</i> (sugarcane).			1			Do.*
<i>Thielaviopsis paradoxa</i> .....	do.....			1			Do.*
BARBADOS							
Insects:							
<i>Aspidiotus cyanophylli</i> (Coccidae).	Palm.....				1		Florida.*
<i>Epipaschiniæ</i> (Pyrilidae).	Among small dried beans.		1				Pennsylvania.
<i>Lepidosaphes hawaliensis</i> (Coccidae).	Unknown fruit.....			1			New York.
<i>Morganella longispina</i> (Coccidae).	do.....			1			Do.
Oecophorid.....	Cassava flour.....		1				Pennsylvania.
<i>Pseudaonidia articulatus</i> (rufous scale).	Palm.....				1		Florida.*
BELGIAN CONGO							
Insects:							
Olethreutid.....	<i>Zea mays</i> (corn).....					1	Pennsylvania.
Termitid (termite).....	do.....					1	Do.
BELGIUM							
Insects:							
<i>Agromyza</i> sp. (Agromyzidae).	<i>Brassica oleracea capitata</i> (cabbage).					1	Pennsylvania.
<i>Aphis</i> sp. (aphid).....	<i>Echeveria peruviana minor</i>		1				District of Columbia.
<i>Aspidiotus hederæ</i> (ivy scale).	<i>Stapelia decora</i> .....		1				Do.
<i>Aspidiotus</i> sp. (Coccidae).	<i>Pyrus communis</i> (pear) (cutting).			1			New York.
<i>Ceutorhynchus pleurostigma</i> (turnip gall weevil).	<i>Brassica rapa</i> (turnip).....					1	Pennsylvania.
<i>Chrysomphalus aonidum</i> (Florida red scale).	<i>Citrus limonia</i> (lemon)....	1					Maryland.
<i>Diaspis</i> sp. (Coccidae).....	<i>Ariocarpus kotschubeyanus</i> .		1				District of Columbia.
Do .....	<i>Cattleya falco</i> (orchid)....	1					Do.
Entomobryid.....	<i>Solanum tuberosum</i> (potato).					1	Pennsylvania.
<i>Ephestia</i> sp. (Pyrilidae)....	<i>Ribes</i> sp. (currant) (dry)...	1					California.*
<i>Gracilaria azaleella</i> (azalea leaf-miner).	<i>Azalea</i> sp.....	1					District of Columbia.
<i>Heliothrips haemorrhoidalis</i> (greenhouse thrips).	<i>Euphorbia gardeifolia</i> .....		1				Do.
Do .....	<i>Euphorbia similis</i> .....		1				Do.
<i>Hemichionaspis aspidistrae</i> (aspidistra scale).	<i>Aspidistra</i> sp. (plant).....				1		Pennsylvania.
<i>Histioglyphus</i> sp. (mite).....	<i>Allium cepa</i> (onion).....					1	South Carolina.
Do .....	<i>Solanum tuberosum</i> (potato).					2	Pennsylvania.
Do .....	do.....					1	South Carolina.
<i>Hylemyia</i> sp. (Anthomyiidae).	<i>Brassica rapa</i> (turnip).....					2	Pennsylvania.

List, by countries, of pests collected and reported from January 1 to December 31, 1928, inclusive—Continued

Country of origin and name of pest	Host	Number of interceptions in—					Collected in—
		Cargo	Mail	Baggage	Quarters	Stores	
BELGIUM—Continued							
Insects—Continued.							
Lepidosaphes sp. (Coccidae)	Cymbidium guillemot (plant).	1					District of Columbia.
Noctuid	Brassica oleracea capitata (cabbage).					1	Pennsylvania.
Parlatoria pergandii (chaff scale).	Citrus sinensis (orange)					1	South Carolina.
Pectinophora gossypiella (pink bollworm).	Gossypium sp. (cotton) (seed) (restricted bagging).	1					Maryland.
Pieris sp. (Pieridae)	Brassica oleracea capitata (cabbage).					1	Pennsylvania.
Platynus sp. (Carabidae)	In a box of geranium, pine, and violets.			1			New York.
Pseudococcus maritimus (Coccidae).	Epiphyllum sp.		1				District of Columbia.
Do.	Leuchtenbergia principis.		1				Do.
Pyraustinae (Pyralidae)	Brassica oleracea capitata (cabbage).					1	Pennsylvania.
Rhizoglyphus hyacinthi (bulb mite).	Allium cepa (onion)					1	Do.
Rhizoglyphus sp. (mite)	Solanum tuberosum (potato).					1	South Carolina.
Sciara sp. (Mycetophilidae).	Allium cepa (onion)					2	Pennsylvania.
Do.	Beta vulgaris (beet)					1	Do.
Do.	Brassica rapa (turnip)					1	South Carolina.
Do.	In vegetable debris.					1	Pennsylvania.
Do.	Solanum tuberosum (potato).					1	Do.
Tritogenaphis sp. (aphid)	Cichorium endivia (endive).	1					New York.
Tyroglyphus sp. (mite)	Solanum tuberosum (potato).					1	South Carolina.
Diseases:							
Actinomyces scabies	do.					9	Florida.*
Do.	do.					1	Louisiana.
Do.	do.					3	South Carolina.
Fusarium sp.	Dahlia sp. (root)		1				Pennsylvania.
Do.	Solanum tuberosum (potato).					5	Florida.*
Do.	do.					1	South Carolina.
Oospora pustulans	do.					1	Do.
Peronospora parasitica	Brassica oleracea botrytis (cauliflower).					1	Pennsylvania.
Rhizoctonia solani	Solanum tuberosum (potato).					1	South Carolina.
Sclerotinia libertiana	Daucus carota (carrot) (root).					1	Do.
Spondylocidium atrovi-rens.	Solanum tuberosum (potato).					5	Florida.*
BERMUDA							
Insects:							
Agromyzid	Brassica oleracea acephala (kale).	2					New York.
Anastrepha sp. (Trypetidae).	Eriobotrya japonica (loquat).			1			Do.
Do.	Eugenia uniflora (Surinam cherry).			1			Do.
Anchonus sp. (Curculionidae).	In package with sea shells.		1				District of Columbia.
Aphis sp. (aphid)	Lilium sp. (lily) (bloom)		2				Pennsylvania.
Do.	Lilium sp. (lily)		1				Do.
Do.	Nerium oleander (oleander).		1				Do.
Aulacaspis pentagona (West Indian peach scale).	Sedum sp. (plant)			1			New York.
Autographa sp. (Noctuidae)	Brassica oleracea acephala (kale).	4					Do.
Baccha sp. (Syrphidae)	Lilium giganteum (leaf)		1				Pennsylvania.
Blastobasid	Cycas revoluta (sago cycas) (seed).			1			New York.



List, by countries, of pests collected and reported from January 1 to December 31, 1928, inclusive—Continued

Country of origin and name of pest	Host	Number of interceptions in—					Collected in—
		Cargo	Mail	Baggage	Quarters	Stores	
BERMUDA—Continued							
Insects—Continued.							
Ceroplastes floridensis (Florida wax scale).	Eiobotrya japonica (loquat) (foliage).	1					New York.
Coccinae (Coccidae).	Carica papaya (papaya).			1			Do.
Hymenia fascialis (Pyralidae).	Beta vulgaris (beet).	1					Do.
Morganella longispina (Coccidae).	Carica papaya (papaya).			1			Do.
Do.	Nerium oleander (oleander).			1			Do.
Do.	do.		1				Pennsylvania.
Noctuid.	Brassica oleracea acephala (kale).	2					New York.
Oribata sp. (mite).	In package with sea shells.		1				District of Columbia.
Orthezia insignis (greenhouse orthezia).	Palm.		1				Massachusetts.
Orthomorpha coarctata (myriapod).	Apium graveolens (celery).	1					New York.
Oryctini (Scarabaeidae).	Soil.			1			Do.
Pangaeus sp. (Cydnidae).	In soil used as packing for Bryophyllum.			1			Do.
Phlyctaenia rubigalis (Pyralidae).	Apium graveolens (celery).	1					Do.
Phycitinae (Pyralidae).	Cortaderia argentea (pampas grass).			1			Do.
Plusia sp. (Noctuidae).	Brassica oleracea acephala (kale).	1					Do.
Ponera sp. (ant).	In package with sea shells.		1				District of Columbia.
Pseudococcus citri (citrus mealybug).	Nerium oleander (oleander).		1				Pennsylvania.
Rhopalosiphum sp. (aphid).	Brassica oleracea acephala (kale).	1					New York.
Saissetia nigra (Coccidae).	Poinsettia pulcherrima (poinsettia).		1				Pennsylvania.
Syrphus sp. (Syrphidae).	Apium graveolens (celery).	1					New York.
Tineid.	Cycas revoluta (sago cycas) (seed).			1			Do.
BRAZIL							
Insects:							
Anisoblabis annulipes (earwig).	On bag of coffee.	1					Washington.
Bruchus sp. (Bruchidae).	Acacia sp. (seed).		1				District of Columbia.
Do.	Bean.					1	Pennsylvania.
Chrysomphalus aonidium (Florida red scale).	Citrus sinensis (orange).					1	Louisiana.
Do.	Palm.				1		Pennsylvania.
Ephestia sp. (Pyralidae).	Theobroma cacao (cacao bean).	7					California.*
Eusecpes batatae (West Indian sweet-potato weevil).	Dioscorea sp. (yam).					2	Louisiana.
Do.	Ipomoea batatas (sweet-potato).					2	Pennsylvania.
Ischnaspis longirostris (thread scale).	Ornamental plant.				1		Washington.
Lepidosaphes beekii (purple scale).	Citrus sinensis (orange).				1	2	California.*
Do.	do.					1	Florida.*
Do.	do.					2	Louisiana.
Do.	do.					1	Massachusetts.
Do.	do.			1			New York.
Do.	do.					3	Pennsylvania.
Lepidosaphes gloverii (Glover's scale).	do.					1	Do.
Olethreutid.	Araucaria seed.		1				District of Columbia.
Parlatoria proteus (Coccidae).	Palm.				1		Pennsylvania.
Parlatoria sp. (Coccidae).	Citrus sinensis (orange).					1	Louisiana.
Do.	do.					1	Massachusetts.
Do.	do.					1	Pennsylvania.
Phycitinae (Pyralidae).	Citicia nut.	1					New York.
Pinnaspis buxi (Coccidae).	Ornamental plant.				1		Washington.

List, by countries, of pests collected and reported from January 1 to December 31, 1923, inclusive—Continued

Country of origin and name of pest	Host	Number of interceptions in—					Collected in—
		Cargo	Mail	Baggage	Quarters	Stores	
BRAZIL—Continued							
Insects—Continued.							
<i>Prolabia arachidis</i> (earwig).	On bag of coffee.	1					Washington.
<i>Pseudaonidia articulatus</i> (rufous scale).	<i>Citrus sinensis</i> (orange)					1	Florida.*
Do.	do.					1	Pennsylvania.
<i>Pseudococcus nipae</i> (coco-nut mealybug).	Palm				1		Do.
Pyralid	<i>Zea mays</i> (corn)					1	Do.
<i>Rhizoglyphus</i> sp. (mite)	<i>Allium cepa</i> (onion)					1	Do.
Do.	<i>Solanum tuberosum</i> (potato).					1	Do.
Syrphid	do.					1	Do.
<i>Tyroglyphus</i> sp. (mite)	<i>Allium cepa</i> (onion)					1	Do.
Diseases:							
<i>Actinomyces scabies</i>	<i>Solanum tuberosum</i> (potato).					6	Florida.*
Do.	do.					1	Louisiana.
Do.	do.					1	Pennsylvania.
<i>Cercospora apii</i>	<i>Apium graveolens</i> (celery)					1	New York.
<i>Fusarium</i> sp.	<i>Solanum tuberosum</i> (potato).					4	Florida.*
<i>Phomopsis citri</i>	<i>Citrus sinensis</i> (orange)				1	1	California.*
Do.	<i>Citrus sinensis</i> (orange) (leaf).					1	Florida.*
<i>Rhizoctonia solani</i>	<i>Solanum tuberosum</i> (potato).					1	Do.*
<i>Sphaceloma citri</i>	<i>Citrus limonia</i> (lemon)					1	Do.*
Do.	<i>Citrus sinensis</i> (orange)					1	Pennsylvania.
<i>Spondylodadium atrovirens</i> .	<i>Solanum tuberosum</i> (potato).					4	Florida.*
BRITISH COLUMBIA							
Insects:							
<i>Agrotis</i> sp. (Noctuidae)	<i>Sedum spathulifolium</i>			1			Washington.
Cecidomyiid	In soil around perennial plants.	1					Pennsylvania.
<i>Chionaspis euonymi</i> (euonymus scale).	<i>Euonymus</i> sp.				1		Washington.
Entomobryid (Collembola).	In soil around perennial plants.	1					Pennsylvania.
<i>Lecanium coryli</i> (Coccidae).	<i>Salix discolor</i> (pussy willow).		1				Washington.
<i>Sciara</i> sp. (Mycetophilidae).	In soil around perennial plants.	1					Pennsylvania.
Diseases:							
<i>Actinomyces scabies</i>	<i>Solanum tuberosum</i> (potato).					1	South Carolina.
<i>Tubercularia</i> sp.	Lilac shrub.				1		Washington.
BRITISH GUIANA							
Insects:							
<i>Aspidiotus excisus</i> (Coccidae).	<i>Citrus limonia</i> (lemon)				1		Pennsylvania.
<i>Psalis americana</i> (earwig)	<i>Solanum tuberosum</i> (potato).					1	Do.
<i>Pseudaonidia articulatus</i> (rufous scale).	<i>Citrus limonia</i> (lemon) (leaf).				1		Do.
BRITISH HONDURAS							
Insects:							
<i>Camponotus</i> sp. (ant)	<i>Musa</i> sp. (banana)	1					Louisiana.
<i>Lepidosaphes beckii</i> (purple scale).	<i>Citrus sinensis</i> (orange)					1	Alabama.
<i>Solenopsis geminata</i> (ant)	<i>Musa</i> sp. (banana)	1					Louisiana.
BRITISH WEST AFRICA							
Insects:							
<i>Anisolabis</i> sp. (earwig)	<i>Solanum tuberosum</i> (potato).					2	New York.

*List, by countries, of pests collected and reported from January 1 to December 31, 1928, inclusive—Continued*

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		Cargo	Mail	Baggage	Quarters	Stores	
BRITISH WEST INDIES							
Insects:							
Lepidosaphes beckii (purple scale).	Citrus sinensis (orange).....					1	Massachusetts.
Monomorium pharaonis Pharaoh's ant).	Bryophyllum sp.....		1				Do.
Parlatoria pergandii (chaff scale).	Citrus sinensis (orange).....					1	Do.
Targionia hartii (Coccidae).	Zingiber officinale (ginger).....		1				Michigan.
Tortricid.....	do.....		1				Do.
BURMA							
Insects:							
Lepidosaphes beckii (purple scale).	Citrus limonia (lemon).....					1	Pennsylvania.
Lepidosaphes gloverii (Glover's scale).	Citrus sinensis (orange).....					1	Do.
CANADA							
Insects:							
Acronycta sp. (Noctuidae).....	Cactaceae.....			1			Michigan.
Adelges sp. (aphid).....	Picea alba (white spruce).....			1			Do.
Aphis hederæ (aphid).....	Hedera sp. (ivy).....			1			Do.
Aspidiotus britannicus (Coccidae).	Ilex sp. (holly).....	1	1				California.*
Aspidiotus hederæ (ivy scale).	Palm.....			1			Michigan.
Aspidiotus ostreaeformis (Coccidae).	Prunus domestica (plum).....			1			Do.
Chrysomphalus aonidum (Florida red scale).	Dracaena sp.....			1			Do.
Coccus hesperidum (soft brown scale).	Hedera sp. (ivy) (plant).....		1				District of Columbia.
Diaspis boisduvalii (Boisduval's scale).	Orchid (plant).....	1					New York.
Do.....	Unknown leaves.....			1			Michigan.
Eumerus strigatus (lesser bulb fly).	Allium cepa (onion).....	1					Do.
Hylemyia sp. (Anthomyiidae).	Azalea sp.....			1			Washington.
Lecanium corni (Coccidae).	Acer sp. (maple).....			1			Michigan.
Do.....	Cornus sp.....	1					Do.
Do.....	Prunus domestica (plum).....			1			Do.
Lepidosaphes beckii (purple scale).	Citrus sinensis (orange).....			1			Do.
Lepidosaphes ulmi (oyster-shell scale).	Buxus sp. (box).....			1			Do.
Macrocheles sp. (mite).....	Brassica rapa (turnip).....					1	Pennsylvania.
Myzus sp. (aphid).....	Calla lily.....			1			Massachusetts.
Onychiurus sp. (Collembola).	Azalea sp.....			1			Washington.
Parlatoria pergandii (chaff scale).	Citrus sinensis (orange).....			1			Michigan.
Phenacoccus sp. (Coccidae).	Hedera sp. (ivy).....			1			Do.
Phlyctaenia rubigalis (Pyralidae).	Cyclamen sp.....			1			Do.
Phycitinae (Pyralidae).....	Cornus sp.....	1					Do.
Pseudococcus citri (citrus mealybug).	Coleus sp.....			1			Do.
Do.....	Myrtus communis (true myrtle).			1			Do.
Pyrausta nubilalis (European corn borer).	Zea mays (sweet corn).....			1			Do.
Do.....	Zea mays (corn).....			1			Do.
Rhizoglyphus hyacinthi (bulb mite).	Brassica rapa (turnip).....					1	Pennsylvania.
Do.....	Gladiolus sp. (bulb).....			1			Michigan.
Saissetia hemisphaerica (hemispherical scale).	Fern.....			3			Do.
Sciara sp. (Mycetophilidae).	Brassica rapa (turnip).....					1	Pennsylvania.
Do.....	Hydrangea sp.....			1			Michigan.
Syrphid.....	Brassica rapa (turnip).....					2	Pennsylvania.
Tetranychus sp. (mite).....	Delphinium sp.....			1			Michigan.
Tineid.....	Juniperus sp. (juniper).....			1			Do.



List, by countries, of pests collected and reported from January 1 to December 31, 1928, inclusive—Continued

Country of origin and name of pest	Host	Number of interceptions in—					Collected in—
		Cargo	Mail	Baggage	Quarters	Stores	
CANADA—Continued							
Insects—Continued.							
Tomocerus flavescens (Colembola).	Azalea sp.-----			1			Washington.
Trialeurodes vaporariorum (greenhouse whitefly).	Potted plant-----			1			Michigan.
Do-----	Solanum sp.-----			1			Do.
Walshomyia juniperina (Cecidomyiidae).	Juniperus sp. (juniper)-----			1			Do.
Diseases:							
Ascochyta pisi-----	Pisum sativum (pea)-----		1				Do.
Fusarium sp.-----	Solanum tuberosum (potato).					1	Florida.*
Gymnosporangium sp.-----	Unknown-----			1			Michigan.
Puccinia malvacearum-----	Althaea rosea (hollyhock)-----			1			Do.
Uromyces caryophyllinus--	Dianthus sp. (carnation) (leaf).	1					Do.
Do-----	Dianthus sp. (carnation)-----	1					Do.
CANAL ZONE							
Insects:							
Aspidiotus cyanophylli (Coccidae).	Musa sp. (banana)-----	1					California.*
Aspidiotus destructor (Coccidae).	Cocos nucifera (coconut)-----			1			Do.*
Aspidiotus hederæ (ivy scale).	Citrus limonia (lemon)-----					1	Washington.
Aulacaspis pentagona (West Indian peach scale).	Carica papaya (papaya)-----					1	South Carolina.
Bactridium sp. (Monotomidae).	Gossypium sp. (cotton) (boll).		1				Pennsylvania.
Camponotus maculatus var. (ant).	Orchid (plant)-----	1					New York.
Chionaspis citri (orange chionaspis).	Citrus aurantifolia (lime)-----					1	Pennsylvania.
Chrysomphalus aurantii (California red scale).	Citrus sinensis (orange)-----			1			California.*
Chrysomphalus dictyospermi (Coccidae).	do-----					1	Do.*
Coccinae (Coccidae)-----	Codiaeum sp. (croton) (leaf).		1				Louisiana.
Corimelaena sp. (Cydnidae).	Orchid (plant)-----	1					New York.
Gryllinae (Gryllidae)-----	do-----	1					Do.
Helipus sp. (Curculionidae).	Persea americana (avocado).				1		Pennsylvania.
Hemichionaspis minor (Coccidae).	Cocos nucifera (coconut)-----			1			California.*
Hoplosphyrum aztecum (Gryllidae).	Orchid (plant)-----	1					New York.
Lepidosaphes beckii (purple scale).	Citrus aurantifolia (lime)-----			1		1	California.*
Do-----	Citrus grandis (grapefruit)-----			1		4	Do.*
Do-----	do-----					1	Pennsylvania.
Do-----	do-----					1	South Carolina.
Do-----	Citrus grandis (pomelo)-----					1	Oregon.
Do-----	Citrus limonia (lemon)-----				1	1	South Carolina.
Do-----	do-----					1	Washington.
Do-----	Citrus nobilis deliciosa (tangerine).				1		California.*
Do-----	Citrus sinensis (orange)-----			4	2	8	Do.*
Do-----	do-----					1	Pennsylvania.
Lepidosaphes gloverii (Glover's scale).	Citrus aurantifolia (lime)-----			1			California.*
Metamasius sericeus (silky cane weevil).	Saccharum officinarum (sugarcane).				1		Louisiana.
Myochrous melancholicus (Chrysomelidae).	In package with pineapple slips.		1				District of Columbia.
Neoponera villosa (ant)-----	Musa sp. (banana)-----	1					Louisiana.
Parlatoria cinerea (Coccidae).	Citrus aurantifolia (lime)-----			1			California.*
Phthorimaea operculella (potato tuber worm).	Among potatoes-----					1	Pennsylvania.*
Prenolepis longicornis (crazy ant).	In package with pineapple slips.		1				District of Columbia.

List, by countries, of pests collected and reported from January 1 to December 31, 1928, inclusive—Continued

Country of origin and name of pest	Host	Number of interceptions in—					Collected in—
		Cargo	Mail	Baggage	Quarters	Stores	
CANAL ZONE—Continued							
Insects—Continued.							
<i>Pseudaonidia articulatus</i> (rufous scale).	Citrus sinensis (orange) ..	-----	-----	-----	-----	1	California.*
Do. ....	Cocos nucifera (coconut) ..	-----	-----	3	-----	-----	Do.*
<i>Pseudococcus comstocki</i> (Coccidae).	Musa sp. (banana) .....	1	-----	-----	-----	-----	Do.*
<i>Pseudomyrma</i> sp. (ant) .....	Orchid (plant) .....	1	-----	-----	-----	-----	New York.
<i>Pulvinaria psidii</i> (Coccidae).	Chrysophyllum cainito (star-apple) (plant).	1	-----	-----	-----	-----	California.*
<i>Rhizoglyphus</i> sp. (mite) .....	Allium cepa (onion) .....	-----	-----	-----	-----	1	South Carolina.
<i>Saissetia hemisphaerica</i> (hemispherical scale).	Mentha sp. (mint) .....	-----	-----	1	-----	-----	California.*
<i>Scolytid</i> .....	Palm (seed) .....	-----	-----	1	-----	-----	Do.*
<i>Stenomoma</i> sp. (Stenomidae) ..	Persea americana (avocado).	-----	-----	-----	-----	1	Do.*
<i>Tineid</i> .....	Ananas sativus (pineapple) (slip).	-----	1	-----	-----	-----	District of Columbia .
Diseases:							
<i>Diplodia natalensis</i> .....	Citrus sinensis (orange) ..	-----	-----	-----	-----	1	California.*
<i>Penicillium digitatum</i> .....	Citrus limonia (lemon) .....	-----	-----	-----	-----	2	Pennsylvania.
<i>Phomopsis citri</i> .....	Citrus grandis (grapefruit)	-----	-----	-----	-----	1	California.*
<i>Phyllosticta</i> sp. ....	Dracaena sp. ....	-----	1	-----	-----	-----	Louisiana.
<i>Rhizoctonia solani</i> .....	Solanum tuberosum (potato).	-----	-----	-----	-----	1	South Carolina.
<i>Rosellinia</i> sp. ....	Orchid (plant) .....	1	-----	-----	-----	-----	New York.
<i>Sphaceloma citri</i> .....	Citrus grandis (grapefruit)	-----	-----	-----	-----	1	South Carolina.
CANARY ISLANDS							
Insects:							
<i>Aonidia lauri</i> (Coccidae) .....	Laurus sp. (sweetbay) .....	-----	-----	-----	-----	1	Florida.*
<i>Diaspis caruoli</i> (Coccidae) ..	Juniperus cedrus (berry) ..	-----	1	-----	-----	-----	District of Columbia.
<i>Lepidocyrtus</i> sp. (Collembola).	Solanum tuberosum (potato).	-----	-----	-----	-----	1	Pennsylvania.
<i>Phthorimaea operculella</i> (potato tuber worm).	do. ....	-----	-----	-----	-----	1	Do.
<i>Rhizoglyphus</i> sp. (mite) .....	do. ....	-----	-----	-----	-----	1	Do.
<i>Silvanus signatus</i> (Cucujidae).	do. ....	-----	-----	-----	-----	1	Do.
Diseases:							
<i>Actinomyces scabies</i> .....	do. ....	-----	-----	-----	-----	1	Do.
<i>Colletotrichum gloeosporioides</i> .	Musa sp. (banana) .....	-----	-----	-----	-----	1	Do.
<i>Fusarium</i> sp. ....	Solanum tuberosum (potato).	-----	-----	-----	-----	1	Do.
<i>Phyllachora</i> sp. ....	Laurus sp. (sweetbay) .....	-----	-----	-----	-----	1	Florida.*
CAPE VERDE ISLANDS							
Insects:							
<i>Bruchus</i> sp. (Bruchidae) .....	Onion débris. ....	-----	-----	-----	-----	1	Pennsylvania.
<i>Lepidosaphes beckii</i> (purple scale).	Citrus sinensis (orange) ..	-----	-----	1	-----	-----	Massachusetts.
<i>Rhizoglyphus hyacinthi</i> (bulb mite).	Onion débris. ....	-----	-----	-----	-----	1	Pennsylvania.
CENTRAL AMERICA							
Insects:							
<i>Alegoria dilatata</i> (Tenebrionidae).	Musa sp. (banana) .....	1	-----	-----	-----	-----	California.*
<i>Camponotus</i> sp. (ant) .....	do. ....	3	-----	-----	-----	-----	Do.*
<i>Dermestes</i> sp. (Dermestidae).	Theobroma cacao (cacao bean).	1	-----	-----	-----	-----	Do.*
<i>Discocephala humilis</i> (Pentatomidae).	Musa sp. (banana) .....	2	-----	-----	-----	-----	Do.*
<i>Ephestia</i> sp. (Pyralidae) .....	Theobroma cacao (cacao bean).	10	-----	-----	-----	-----	Do.*
<i>Lepidosaphes beckii</i> (purple scale).	Citrus aurantifolia (lime) ..	-----	-----	1	-----	-----	Do.*
<i>Leptostylus</i> sp. (Cerambycidae).	Sapindus sp. (seed pod) ..	-----	-----	1	-----	-----	Do.*
<i>Paleococcus</i> sp. (Coccidae) ..	Musa sp. (banana) .....	1	-----	-----	-----	-----	Do.*

List, by countries, of pests collected and reported from January 1 to December 31, 1928, inclusive—Continued

Country of origin and name of pest	Host	Number of interceptions in—					Collected in—
		Cargo	Mail	Baggage	Quarters	Stores	
CENTRAL AMERICA—Contd.							
Insects—Continued.							
Parlatoria cinerea (Coccidae).	Citrus aurantifolia (lime).....			1			California.*
Tenebrionid.	Musa sp. (banana).....	1					Do.*
Diseases:							
Gloeosporium musarum.....	do.....	1					Do.*
CEYLON							
Insects:							
Bruchus sp. (Bruchidae).....	Tephrosia candida.....		1				District of Columbia.
Do.....	Tephrosia vogelii (seed).....		1				Do.
Ephestia sp. (Pyralidae).....	Theobroma cacao (cacao bean).	1					California.*
Pachymerus gonager (Bruchidae).	Legume (seed).....		1				Do.*
Phycitinae (Pyralidae).....	Crotalaria anagyroides.....		1				District of Columbia.
CHILE							
Insects:							
Aspidiotus camelliae (greedy scale).	Desfontainia spinosa.....			1			California.*
Aspidiotus sp. (Coccidae).....	Pyrus sp. (pear).....	1					New York.
Eriopis connexa (Coccinellidae).	Allium cepa (onion).....	1					Do.
Gryllus sp. (Gryllidae).....	In packing of Honey Dew melon.	1					Do.
Heliothis sp. (Noctuidae).....	Allium cepa (onion).....	1					Do.
Lepidosaphes beckii (purple scale).	Citrus sinensis (orange).....					1	Florida.*
Noctuid.....	Allium cepa (onion).....	1					New York.
Olethreutid.....	Amygdalus persica (peach)	1					Do.
Phthorimaea operculella (potato tuber worm).	Solanum tuberosum (potato).					2	Louisiana.
Do.....	do.....					3	South Carolina.
Porcellionides pruinosus (isopod).	Cucumis melo (Honey Dew melon).	1					New York.
Pseudococcus sp. (Coccidae).	Desfontainia spinosa.....			1			California.*
Rhizoglyphus hyacinthi (bulb mite).	Allium cepa (onion).....	1					New York.
Diseases:							
Actinomyces scabies.....	Solanum tuberosum (potato).					1	Florida.*
Aspergillaceae.....	Allium cepa (onion).....	1					New York.
Aspergillus niger.....	do.....	1					Do.
Cephalobus sp.....	do.....	1					Do.
Colletotrichum gloeosporioides.	Vitis sp. (grape).....	1					Do.
Fusarium sp.....	Cucumis melo (Honey Dew melon).	1					Do.
Do.....	Solanum tuberosum (potato).					1	Pennsylvania.
Penicillium sp.....	Allium cepa (onion).....	7					New York.
Rhizoctonia solani.....	Solanum tuberosum (potato).					1	South Carolina.
Rhizopus nigricans.....	Allium cepa (onion).....	1					New York.
Rhizopus sp.....	do.....	1					Do.
Spondyloladium atrovi-rens.	Solanum tuberosum (potato).					2	Florida.*
CHINA							
Insects:							
Agromyzid.....	Colocasia esculenta (taro)	1					New York.
Anisolabis annulipes (earwig).	Canna sp. (tuber).....			1			Washington.
Do.....	Sagittaria sagittifolia (water chestnut).	1					Do.
Anisolabis sp. (earwig).....	Colocasia esculenta (taro)	1					New York.
Do.....	Pueraria thunbergiana (kudzu).						Do.
Do.....	Vegetables.....					1	Washington.
Aspidiotus lataniae (Coccidae).	Citrus grandis (pomelo).....	2		3			California.*
Balaninus sp. (Curculionidae).	Castanea sp. (chestnut).....	2		1			Do.*



List, by countries, of pests collected and reported from January 1 to December 31, 1928, inclusive—Continued

Country of origin and name of pest	Host	Number of interceptions in—					Collected in—
		Cargo	Mail	Baggage	Quarters	Stores	
CHINA—Continued							
Insects—Continued.							
Bruchus sp. (Bruchidae)...	Albizzia julibrissin.....	1					North Dakota.*
Do.....	Legume (seed).....		1				California.*
Ceroplastes sp. (Coccidae)...	Undetermined plant.....			1			Do.*
Chionaspis citri (orange chionaspis).	Citrus grandis (pomelo)...	2					Do.*
Do.....	do.....				1		Do.*
Chionaspis euonymi (euonymus scale).	Euonymus sp.....			2			Washington.
Chrysomphalus aonidum (Florida red scale).	Citrus grandis (pomelo)...	2			1		California.*
Do.....	Citrus sinensis (orange)...			1			Do.*
Chrysomphalus aurantii (California red scale).	Citrus grandis (pomelo)...			2	1		Do.*
Chrysomphalus dictyospermi (Coccidae).	do.....				1		Do.*
Curculionid.....	In package of bulbs and living plants.	1					Massachusetts.
Cylas formicarius (sweet-potato weevil).	Ipomoea batatas (sweet-potato).			1			California.*
Entomobrya sp. (Collembola).	Pueraria thunbergiana (kudzu).	1					Massachusetts.
Ephestia sp. (Pyralidae)...	Arachis hypogaea (peanut).	1		1			California.*
Do.....	Bean.....			1			Do.*
Do.....	Capsicum annuum (pepper).	2					Do.*
Eurytoma sp. (Eurytomidae).	Ephedra sp.....	1					District of Columbia.
Hemichionaspis aspidistrae (aspidistra scale).	Citrus grandis (pomelo)...	1		4	1		California.*
Do.....	do.....			1			Washington.
Do.....	Citrus sinensis (orange)...			2			California.*
Hylemyia sp. (Anthomyiidae).	Vegetables.....	1					Washington.
Isotoma sp. (Collembola)...	Lilium sp. (lily) (bulb)...	1					Massachusetts.
Lepidocyrtus sp. (Collembola).	do.....	1					Michigan.
Do.....	Zingiber officinale (ginger).	1					Massachusetts.
Do.....	do.....	1					New York.
Lepidosaphes beckii (purple scale).	Citrus grandis (pomelo)...	2		2	5		California.*
Do.....	do.....			1			Washington.
Do.....	Citrus sinensis (orange)...			1			California.*
Lepidosaphes conchiformis (Coccidae).	Euonymus sp.....				1		Washington.
Lepidosaphes gloverii (Glover's scale).	Citrus grandis (pomelo)...	2		2	1		California.*
Do.....	Citrus sinensis (orange)...			1			Do.*
Monomorium destructor (ant).	Lilium sp. (lily) (bulb)...	1					Massachusetts.
Onychiurus sp. (Collembola).	Zingiber officinale (ginger).	1					New York.
Parlatoria pergandii (chaff scale).	Citrus grandis (pomelo)...	3		3	1		California.*
Do.....	do.....			1			Washington.
Do.....	Citrus sinensis (orange)...			1			California.*
Parlatoria ziziphus (Coccidae).	Citrus grandis (pomelo)...	1		5	3		Do.*
Do.....	Citrus sinensis (orange)...			1			Do.*
Do.....	do.....			1			Washington.
Pentalonia sp. (aphid).	Caladium sp.....	1					New York.
Phenacaspis sp. (Coccidae).	Castanea sp.....		1				District of Columbia.
Do.....	Palm.....				1		Washington.
Phyllotreta sp. (Chrysomelidae).	Lilium sp. (lily) (bulb)...	1					California.*
Popillia sp. (Scarabaeidae)...	In bag of Ulmus pumila seed.	1					District of Columbia.
Porcellio scaber (isopod)...	Colocasia esculenta (taro)...	1					Oregon.
Pseudaonidia duplex (camphor scale).	Citrus grandis (pomelo)...	1		2	1		California.*
Do.....	Citrus sinensis (orange)...			1			Do.*

List, by countries, of pests collected and reported from January 1 to December 31, 1928, inclusive—Continued

Country of origin and name of pest	Host	Number of interceptions in—					Collected in—
		Cargo	Mail	Baggage	Quarters	Stores	
CHINA—Continued							
Insects—Continued.							
Pseudaonidia trilobitiformis (Coccidae).	Citrus grandis (pomelo).....			1			California.*
Do.....	Citrus sinensis (orange).....			1			Do.*
Pseudococcus sp. (Coccidae).	Palm.....				1		Washington.
Rhizoglyphus hyacinthi (bulb mite).	Lilium sp.....		1				District of Columbia.
Rhizoglyphus sp. (mite).....	Lilium sp. (bulb).....	1					Massachusetts.
Do.....	Sagittaria sagittifolia (water chestnut).	1					Do.
Diseases:							
Diplodia sp.....	Colocasia esculenta (taro).....	1					New York.
Gloeosporium sp.....	Citrus grandis (pomelo).....			1			California.*
Phoma citricarpa.....	Citrus sinensis (orange).....			1			Washington.
Pseudomonas citri.....	Citrus grandis (pomelo).....	2		1		1	California.*
Do.....	Citrus sinensis (orange).....				1		Do.*
Do.....	do.....					1	Washington.
Rhizopus nigricans.....	Pueraria thunbergiana (kudzu).	1					New York.
Sphaceloma citri.....	Citrus grandis (pomelo).....					1	Washington.
COLOMBIA							
Insects:							
Diaspis boisduvalii (Boisduval's scale).	Pangana (seed).....		1				District of Columbia.
Ephestia sp. (Pyralidae).....	Zea mays (corn).....	1					New York.
Gelechiid.....	Dioscorea sp. (yam).....					1	Pennsylvania.
Hister sp. (Histeridae).....	do.....					1	Do.
Scolytid.....	do.....					1	Do.
Tineid.....	do.....					1	Do.
COSTA RICA							
Insects:							
Aegithus meridionalis (Erotylidae).	Musa sp. (banana).....	2					California.*
Alegoria dilatata (Tenebrionidae).	do.....	41					Do.*
Do.....	do.....	1					Louisiana.
Aleurocanthus woglumi (citrus black fly).	Citrus sp.....					1	California.*
Anastrepha sp. (Trypetidae).	Eugenia malaccensis.....				1		Louisiana.
Araeoschizus armatus (Tenebrionidae).	Musa sp. (banana).....	1					California.*
Camponotus sp. (ant).....	do.....	70					Do.*
Canthon sp. (Scarabaeidae).	do.....	2					Do.*
Carabid.....	do.....	2					Do.*
Ceramidia scintillo collaris (Syntomidae).	do.....	22					Do.*
Chirida sp. (Chrysomelidae)	do.....	3					Do.*
Chrysomelid.....	do.....	11					Do.*
Chrysomphalus aonidium (Florida red scale).	Citrus sp.....		1				New York.
Chrysomphalus scutiformis (Coccidae).	Musa sp. (banana).....	1					California.*
Coccinellid.....	do.....	3					Do.*
Corynomalus sp. (Endomychidae).	do.....	2					Do.*
Crematogaster sp. (ant).....	do.....	2					Do.*
Cucujid.....	do.....	1					Do.*
Cureulionid.....	do.....	1					Do.*
Dermostid.....	do.....	5					Do.*
Diabrotica sp. (Chrysomelidae).	do.....	2					Do.*
Dialeurodes citrifolii (cloudy-winged white fly).	Citrus sp.....		1				New York.
Dinocoris tripterus (Pentatomidae).	Musa sp. (banana).....	1					California.*
Dinocoris sp. (Pentatomidae).	do.....	1					Do.*
Discocephala dilatata (Pentatomidae).	do.....	1					Do.*

List, by countries, of pests collected and reported from January 1 to December 31, 1928, inclusive—Continued

Country of origin and name of pest	Host	Number of interceptions in—					Collected in—
		Cargo	Mail	Baggage	Quarters	Stores	
COSTA RICA—Continued							
Insects—Continued.							
Discocephala humilis (Pentatomidae).	Musa sp. (banana).....	45	---	---	---	---	California.*
Discocephala sp. (Pentatomidae).	do.....	1	---	---	---	---	Do.*
Dysdercus albidiventris (Pyrrhocoridae).	do.....	1	---	---	---	---	Do.*
Edessa sp. (Pentatomidae).	do.....	1	---	---	---	---	Do.*
Elaterid.....	do.....	2	---	---	---	---	Do.*
Ephestia sp. (Pyralidae).	Pimento.....	1	---	---	---	---	Do.*
Do.....	Theobroma cacao (cacao bean).	7	---	---	---	---	Do.*
Erotylid.....	Musa sp. (banana).....	2	---	---	---	---	Do.*
Gryllid.....	do.....	4	---	---	---	---	Do.*
Homoeocera sp.....	do.....	1	---	---	---	---	Do.*
Labidurid.....	do.....	4	---	---	---	---	Do.*
Lampyrid.....	do.....	2	---	---	---	---	Do.*
Lepidosaphes beckii (purple scale).	Citrus aurantifolia (lime).....	---	---	---	1	1	Do.*
Do.....	Citrus grandis (grapefruit)	---	---	---	---	4	Do.*
Do.....	Citrus sinensis (orange)	---	---	---	3	3	Do.*
Do.....	do.....	---	---	---	---	4	Florida.*
Do.....	do.....	---	---	---	---	3	Pennsylvania.
Do.....	Citrus sp.....	---	1	---	---	---	New York.
Lepidosaphes gloverii (Glover's scale).	Citrus grandis (grapefruit)	---	---	---	---	1	California.*
Lycenid.....	Musa sp. (banana).....	1	---	---	---	---	Do.*
Mesomphalia punicea elegans (Chrysomelidae).	do.....	1	---	---	---	---	Do.*
Metamasius sericeus (silky cane weevil).	do.....	49	---	---	---	---	Do.*
Neoponera villosa (ant).....	do.....	32	---	---	---	---	Do.*
Neoponera sp. (ant).....	do.....	5	---	---	---	---	Do.*
Odontomachus sp. (ant).....	do.....	1	---	---	---	---	Do.*
Parlatoria pergandii (chaff scale).	Citrus sinensis (orange)	---	---	---	---	1	Do.*
Do.....	do.....	---	---	---	---	1	Florida.*
Pentatomid.....	Musa sp. (banana).....	6	---	---	---	---	California.*
Platyedema sp. (Tenebrionidae).	Musa sp. (banana) (leaf).....	1	---	---	---	---	New York.
Pseudococcus brevipes (pineapple mealybug).	Ananas sativus (pineapple)	1	---	---	---	---	California.*
Pseudococcus sp. (Coccidae)	Musa sp. (banana).....	1	---	---	---	---	Do.*
Pterostichus sp. (Carabidae)	do.....	1	---	---	---	---	Do.*
Saurita nigripalpia costaricae (Amatidae).	do.....	2	---	---	---	---	Do.*
Syrphid.....	do.....	1	---	---	---	---	Do.*
Telephanus brontoides (Cucujidae).	do.....	5	---	---	---	---	Do.*
Tenebrionid.....	Musa sp. (banana) (leaf).....	1	---	---	---	---	New York.
Do.....	Musa sp. (banana).....	19	---	---	---	---	California.*
Tenebroides sp. (Ostomidae).	do.....	4	---	---	---	---	Do.*
Tettigoniid.....	do.....	2	---	---	---	---	Do.*
Thecla sp. (Lycaenidae).....	Ananas sativus (pineapple)	1	---	---	---	---	New York.
Diseases:							
Penicillium digitatum.....	Citrus sinensis (orange).....	---	---	---	---	1	Do.
Do.....	do.....	---	---	---	---	1	Pennsylvania.
Penicillium sp.....	Citrus aurantifolia (lime).....	---	---	---	---	1	Louisiana.
CUBA							
Insects:							
Agromyzid.....	Banana debris.....	1	---	---	---	---	Pennsylvania.
Aleurocanthus woglumi (citrus black fly).	Citrus sinensis (orange) (leaf).	---	---	2	---	---	Florida.*
Aleurothrixus howardi (woolly white fly).	Citrus sinensis (orange).....	---	2	---	---	---	Do.*
Anastrepha fraterculus (West Indian fruit fly).	Mangifera indica (mango).....	---	---	---	---	1	Do.*
Do.....	Psidium guajava (guava).....	---	---	2	---	---	Do.*
Anastrepha sp. (Trypetidae).	Mangifera indica (mango).....	---	---	1	---	---	New York.



List, by countries, of pests collected and reported from January 1 to December 31, 1928, inclusive—Continued

Country of origin and name of pest	Host	Number of interceptions in—					Collected in—
		Cargo	Mail	Baggage	Quarters	Stores	
CUBA—Continued							
Insects—Continued.							
Anisolabis annulipes (earwig).	In soil and packing around grass.	---	1	---	---	---	District of Columbia.
Aphodius sp. (Scarabaeidae)	In soil around grass.	---	1	---	---	---	Do.
Aspidiotus cocotiphagus (Coccidae).	Cocos nucifera (coconut).	---	---	48	1	---	Florida.*
Do.	do.	---	---	---	1	---	Pennsylvania.
Do.	Cocos nucifera (coconut) (In R. R. car).	---	---	---	---	---	Florida.*
Do.	Nerium oleander (oleander).	---	---	1	---	---	Do.*
Do.	Persea americana (avocado).	---	---	1	---	---	Do.*
Do.	Roystonea regia (royal palm) (fruit).	---	1	---	---	---	District of Columbia.
Do.	Roystonea regia (royal palm).	---	---	2	---	---	Florida.*
Aspidiotus cyanophylli (Coccidae).	Persea americana (avocado).	---	---	1	---	---	Do.*
Aspidiotus destructor (Coccidae).	Cocos nucifera (coconut).	---	---	1	---	---	California.*
Do.	do.	---	---	14	---	---	Florida.*
Do.	Musa sp. (banana).	1	---	---	---	---	Do.*
Aspidiotus hederæ (ivy scale).	Citrus aurantifolia (lime).	---	---	---	---	1	Pennsylvania.
Aspidiotus spinosus (Coccidae).	Lucuma nervosa (canistel).	---	---	1	---	---	Florida.*
Asterolecanium miliaris longum (Coccidae).	Bamboo.	---	---	2	---	---	Do.*
Blastobasis.	Dioscorea sp. (yam).	---	---	1	---	---	New York.
Bruchus sp. (Bruchidae).	Lytiloma spp.	---	1	---	---	---	District of Columbia.
Camponotus sp. (ant).	Banana debris.	1	---	---	---	---	Pennsylvania.
Cecidomyid.	Ananas sativus (pineapple).	1	---	---	---	---	Do.
Ceratomya ruficornis (Chrysomelidae).	Phaseolus lunatus macrocarpus (Lima bean).	2	---	---	---	---	New York.
Chionaspis citri (orange chionaspis).	Citrus nobilis deliciosa (Mandarin).	---	---	1	---	---	Louisiana.
Do.	Citrus sinensis (orange).	---	---	1	---	1	Florida.*
Chironomid.	Ananas sativus (pineapple) (top).	---	---	---	---	1	Pennsylvania.
Chrysomphalus aonidum (Florida red scale).	Citrus aurantifolia (lime).	---	1	---	---	---	District of Columbia.
Do.	Citrus grandis (grapefruit).	---	---	---	---	1	Pennsylvania.
Do.	Citrus sinensis (orange).	---	---	2	---	---	Florida.*
Do.	do.	---	---	---	2	---	Pennsylvania.
Do.	Musa sp. (banana).	---	---	1	---	---	Florida.*
Do.	Palm.	---	---	---	1	---	Pennsylvania.
Do.	Roystonea regia (royal palm).	---	---	1	---	---	Florida.*
Chrysomphalus aurantii (California red scale).	Citrus limonia (lemon).	---	---	---	---	1	Massachusetts.
Coccus hesperidum (soft brown scale).	Roystonea regia (royal palm).	---	---	1	---	---	Florida.*
Coccus viridis (Coccidae).	Gardenia sp.	---	---	2	---	---	Do.*
Do.	Jasminum sp. (jasmine).	---	---	---	2	---	Do.*
Cosmopolites sordidus (banana root borer).	Musa sp. (banana) (stalk).	2	---	---	---	---	Virginia.
Cryptarcha sp. (Nitidulidae).	Saccharum officinarum (sugarcane).	1	---	---	---	---	Massachusetts.
Cylas formicarius (sweet-potato weevil).	Ipomoea batatas (sweet-potato).	---	---	---	---	2	Florida.*
Cynedesmus sp. (myriapod).	Bulbs.	---	---	1	---	---	Porto Rico.
Dialeurodes citrifolii (cloudy-winged white fly).	Citrus sinensis (orange).	---	---	1	---	---	Florida.*
Diaphania hyalinata (melon worm).	Cucurbita maxima (squash).	2	---	---	---	---	Louisiana.
Do.	do.	2	---	---	---	---	New York.
Diaphania nitidalis (pickle worm).	Cucumis sativus (cucumber).	5	---	---	---	---	Do.
Do.	Cucurbita maxima (squash).	4	---	---	---	---	Do.
Diaphania sp. (Pyralidae).	Chayote edulis (chayote).	1	---	---	---	---	Louisiana.
Do.	do.	1	---	---	---	---	New York.

List, by countries, of pests collected and reported from January 1 to December 31, 1928, inclusive—Continued

Country of origin and name of pest	Host	Number of interceptions in—					Collected in—
		Cargo	Mail	Baggage	Quarters	Stores	
CUBA—Continued							
Insects—Continued.							
Diaphania sp. (Pyralidae).....	Cucum's sativus (cucumber).....	3	-----	-----	-----	-----	New York.
Do.....	Cucurbita maxima (squash).....	9	-----	-----	-----	-----	Louisiana.
Do.....	do.....	23	-----	-----	-----	-----	New York.
Do.....	On paper wrapper around squash.....	1	-----	-----	-----	-----	Do.
Diaspis boisduvalii (Boisduval's scale).....	Cocos nucifera (coconut).....	-----	-----	9	-----	-----	Florida.*
Diaspis sp. (Coccidae).....	do.....	-----	-----	-----	1	-----	Pennsylvania.
Diatraea saccharalis (sugarcane borer).....	Saccharum officinarum (sugarcane).....	-----	-----	9	2	-----	Florida.*
Do.....	do.....	1	-----	-----	1	-----	Massachusetts.
Diatraea sp. (Pyralidae).....	do.....	-----	-----	1	-----	-----	Florida.*
Do.....	do.....	-----	-----	-----	1	-----	Pennsylvania.
Dolichoderus bispinosus (ant).....	Persea americana (avocado).....	1	-----	-----	-----	-----	New York.
Doru lineare (earwig).....	Phaseolus lunatus macrocarpus (Lima bean).....	2	-----	-----	-----	-----	Do.
Do.....	Phaseolus sp. (string bean).....	1	-----	-----	-----	-----	Do.
Dysdercus minimus (Pyrrhocoridae).....	Phaseolus lunatus macrocarpus (Lima bean).....	1	-----	-----	-----	-----	Do.
Echinolaelaps sp. (mite).....	Banana debris.....	1	-----	-----	-----	-----	Pennsylvania.
Empoasca sp. (Cicadellidae).....	Phaseolus lunatus macrocarpus (Lima bean).....	1	-----	-----	-----	-----	New York.
Entomobrya cubensis (Collembola).....	Ananas sativus (pineapple).....	3	-----	-----	-----	-----	Pennsylvania.
Entomobrya sp. (Collembola).....	do.....	-----	-----	-----	1	-----	Do.
Eristalis sp. (Syrphidae).....	Musa sp. (banana) (stalk).....	1	-----	-----	-----	-----	Virginia.
Etiella zinckenella (Pyralidae).....	Phaseolus lunatus macrocarpus (Lima bean).....	74	-----	-----	-----	-----	New York.
Etiella sp. (Pyralidae).....	do.....	1	-----	-----	-----	-----	Do.
Euryps sp. (Monotomidae).....	Banana debris.....	1	-----	-----	-----	-----	Pennsylvania.
Euxesta annonae (Ortaliidae).....	Saccharum officinarum (sugarcane).....	1	-----	-----	-----	-----	Massachusetts.
Euxesta notata (Ortaliidae).....	Solanum melongena (eggplant).....	1	-----	-----	-----	-----	New York.
Euxesta sp. (Ortaliidae).....	Lycopersicum esculentum (tomato).....	1	-----	-----	-----	-----	Do.
Do.....	Persea americana (avocado).....	1	-----	-----	-----	-----	Do.
Do.....	Phaseolus lunatus macrocarpus (Lima bean).....	1	-----	-----	-----	-----	Do.
Do.....	Saccharum officinarum (sugarcane).....	2	-----	-----	-----	-----	Massachusetts.
Frankliniella melanommatus (thrips).....	Musa sp. (banana).....	1	-----	-----	-----	-----	Florida.*
Frankliniella sp. (thrips).....	do.....	1	-----	-----	-----	-----	Do.*
Do.....	Rosa sp. (rose).....	-----	-----	1	-----	-----	Do.*
Gelechiid.....	Phaseolus lunatus macrocarpus (Lima bean).....	2	-----	-----	-----	-----	New York.
Hedylepta sp. (Pyralidae).....	do.....	1	-----	-----	-----	-----	Do.
Heliothis obsoleta (corn ear worm).....	do.....	1	-----	-----	-----	-----	Do.
Heliothis virescens (Noctuidae).....	Hibiscus esculentus (okra).....	1	-----	-----	-----	-----	Louisiana.
Heliothis sp. (Noctuidae).....	Cucurbita maxima (squash).....	1	-----	-----	-----	-----	New York.
Do.....	Hibiscus esculentus (okra).....	1	-----	-----	-----	-----	Do.
Do.....	Lycopersicum esculentum (tomato).....	11	-----	-----	-----	-----	Do.
Do.....	Phaseolus lunatus macrocarpus (Lima bean).....	2	-----	-----	-----	-----	Do.
Hemichionaspis minor (Coccidae).....	Cocos nucifera (coconut).....	-----	-----	2	-----	-----	Florida.*
Do.....	Poinciana regia (royal poinciana).....	-----	-----	1	-----	-----	Do.*
Howardia biclavus (mining scale).....	Jasminum sp. (jasmine).....	-----	-----	1	-----	-----	Do.*
Do.....	Mammea americana (mamey).....	-----	-----	-----	-----	1	New York.

List, by countries, of pests collected and reported from January 1 to December 31, 1928, inclusive—Continued

Country of origin and name of pest	Host	Number of interceptions in—					Collected in—
		Cargo	Mail	Baggage	Quarters	Stores	
CUBA—Continued							
Insects—Continued.							
Ischnaspis longirostris (thread scale).	Palm.....	-----	-----	-----	1	-----	Pennsylvania.
Laelaps sp. (mite).	Banana leaf debris.....	1	-----	-----	-----	-----	Do.
Lepidosaphes beckii (purple scale).	Citrus aurantifolia (lime).....	-----	1	-----	-----	-----	District of Columbia.
Do.....	do.....	-----	-----	1	-----	-----	Florida.*
Do.....	do.....	-----	-----	-----	1	-----	Pennsylvania.
Do.....	Citrus grandis (grapefruit).....	-----	-----	-----	-----	1	California.*
Do.....	do.....	-----	-----	1	-----	4	Florida.*
Do.....	do.....	1	-----	-----	-----	-----	Illinois.
Do.....	do.....	3	-----	-----	-----	3	Massachusetts.
Do.....	do.....	1	-----	-----	-----	-----	Missouri.
Do.....	do.....	-----	-----	-----	5	1	Pennsylvania.
Do.....	do.....	-----	-----	-----	-----	1	South Carolina.
Do.....	Citrus limonia (lemon).....	-----	-----	1	-----	1	Florida.*
Do.....	Citrus medica (citron).....	-----	-----	1	-----	-----	Louisiana.
Do.....	Citrus sinensis (orange).....	-----	2	3	-----	2	Florida.*
Do.....	do.....	-----	-----	1	-----	1	Louisiana.
Do.....	do.....	-----	-----	-----	5	3	Pennsylvania.
Do.....	do.....	-----	-----	-----	-----	1	South Carolina.
Do.....	Citrus sp.....	-----	-----	1	-----	-----	Louisiana.
Lepidosaphes gloverii	Citrus grandis (grapefruit).....	-----	-----	-----	-----	2	Florida.*
Do.....	Citrus nobilis deliciosa (Mandarin).	-----	-----	1	-----	-----	Louisiana.
Do.....	Citrus sinensis (orange).....	-----	-----	2	-----	-----	Florida.*
Do.....	do.....	-----	-----	-----	-----	1	Louisiana.—
Do.....	do.....	-----	-----	-----	1	-----	Pennsylvania.
Lepidosaphes hawaiiensis (Coccidae).	Lucuma nervosa (canistel)	-----	-----	1	-----	-----	Florida*.
Leptothrips sp. (thrips).....	Cocos nucifera (coconut).....	-----	-----	2	-----	-----	Do*.
Ligyris tumulosus (Scarabaeidae).	Capsicum annuum (pepper) (green).	1	-----	-----	-----	-----	Louisiana.
Loxostege sp. (Pyralidae)	Chayota edulis (chayote).....	1	-----	-----	-----	-----	New York.
Maruca testulalis (bean pod borer).	On hamper containing Lima beans.	1	-----	-----	-----	-----	Do.
Do.....	Phaseolus lunatus macrocarpus (Lima bean).	72	-----	-----	-----	-----	Do.
Do.....	Phaseolus sp. (string bean)	1	-----	-----	-----	-----	Do.
Maruca sp. (Pyralidae).....	Phaseolus lunatus macrocarpus (Lima bean).	2	-----	-----	-----	-----	Do.
Metamasius hemipterus (West Indian sugarcane borer).	Saccharum officinarum (sugarcane).	-----	-----	-----	1	-----	Pennsylvania.
Monocrepidius sp. (Elateridae).	Solanum melongena (egg-plant).	1	-----	-----	-----	-----	Louisiana.
Monomorium pharaonis (Pharaoh's ant).	Ananas sativus (pine-apple).	-----	-----	-----	-----	1	Pennsylvania.
Myrmelachista rogeri (ant).	do.....	-----	-----	-----	1	-----	Do.
Noctuid	Capsicum annuum (pepper).	4	-----	-----	-----	-----	Louisiana.
Do.....	do.....	2	-----	-----	-----	-----	New York.
Do.....	Phaseolus lunatus macrocarpus (Lima bean).	2	-----	-----	-----	-----	Do.
Olethreutid.....	do.....	1	-----	-----	-----	-----	Do.
Ortalid	Musa sp. (banana)(stalk)	1	-----	-----	-----	-----	Virginia.
Palaeopus sp. (Curculionidae).	Dioscorea sp. (yam)	-----	-----	1	-----	-----	New York.
Parlatoria pergandii (chaff scale).	Citrus aurantifolia (lime).....	-----	-----	1	-----	-----	Florida.*
Do.....	Citrus grandis (grapefruit)	-----	-----	-----	-----	1	California.*
Do.....	do.....	-----	-----	1	-----	1	Florida*.
Do.....	Citrus sinensis (orange).....	-----	-----	-----	-----	2	Do.*
Do.....	do.....	-----	-----	1	-----	1	Louisiana.
Do.....	do.....	-----	-----	-----	1	1	Pennsylvania.
Do.....	do.....	-----	-----	-----	-----	1	South Carolina.
Parlatoria proteus (Coccidae).	Roystonea regia (royal palm).	-----	-----	1	-----	-----	Florida.*
Parlatoria ziziphus (Coccidae).	Citrus aurantifolia (lime).....	-----	-----	-----	1	-----	Pennsylvania.
Parlatoria sp. (Coccidae).....	Citrus sp.....	-----	-----	1	-----	-----	Louisiana.
Pheidole megacephala (ant).	Ananas sativus (pineapple)	1	-----	-----	-----	-----	Pennsylvania.
Pheidole sp. (ant)	Banana debris.....	1	-----	-----	-----	-----	Do.



List, by countries, of pests collected and reported from January 1 to December 31, 1928, inclusive—Continued

Country of origin and name of pest	Host	Number of interceptions in—					Collected in—
		Cargo	Mail	Baggage	Quarters	Stores	
CUBA—Continued							
Insects—Continued.							
Phiedole sp. (ant).....	Leaf.....		1				Florida.*
Do.....	Solanum melongena (egg-plant).....	1					New York.
Phenacoccus sp. (Coccidae).....	Leaf.....		1				Florida.*
Phlyctaenia sp. (Pyralidae).....	Chayota edulis (vegetable pear).....	1					Louisiana.
Do.....	Lycopersicum esculentum (tomato).....	1					New York.
Phycitinae (Pyralidae).....	Ananas sativus (pineapple).....	1					Louisiana.
Do.....	Malpighia glabra (seed).....		1				District of Columbia.
Do.....	Mammea americana (mamey) (seed).....			1			Porto Rico.
Do.....	On paper around pineapple.....	1					New York.
Do.....	On pineapple crate.....	1					Pennsylvania.
Do.....	Phaseolus lunatus macrocarpus (Lima bean).....	1					New York.
Platynus sp. (Carabidae).....	In soil around grass.....		1				District of Columbia.
Porcellionides pruinosus (isopod).....	Cucumis sativus (cucumber).....	1					New York.
Prenolepis longicornis (crazy ant).....	Phaseolus lunatus macrocarpus (Lima bean).....	1					Do.
Prenolepis sp. (ant).....	Ananas sativus (pineapple).....	1					Pennsylvania.
Psalis americana (earwig).....	Ananas sativus (pineapple) (top).....				1		Do.
Pseudaonidia articulatus (rufous scale).....	Citrus grandis (grapefruit).....	1					Massachusetts.
Do.....	do.....				4		Pennsylvania.
Do.....	Citrus sinensis (orange).....		1				Florida.*
Do.....	Cocos nucifera (coconut).....			1			California.*
Do.....	Codiaeum sp. (croton).....			1	1		Florida.*
Do.....	Lucuma nervosa (canistel).....			1			Do.*
Do.....	Musa sp. (banana).....			1			Do.*
Do.....	Roystonea regia (royal palm).....			1			Do.*
Pseudischnaspis alienus (Coccidae).....	Jasminum sp. (jasmine).....			1			Do.*
Do.....	Musa sp. (banana).....			1			Do.*
Pseudococcus adonidum (long-tailed mealybug).....	Codiaeum sp. (croton).....				1		Pennsylvania.
Do.....	Musa sp. (banana).....	1					Florida.*
Pseudococcus brevisipes (pineapple mealybug).....	Ananas sativus (pineapple).....	1					Illinois.
Do.....	do.....	6					Louisiana.
Do.....	do.....					2	Massachusetts.
Do.....	do.....	3					New York.
Do.....	do.....	1					Ohio.*
Do.....	do.....	3			1		Pennsylvania.
Do.....	Ananas sativus (pineapple) (top).....				1		Do.
Pseudococcus citri (citrus mealybug).....	Chayota edulis (chayote).....	1					New York.
Do.....	Dioscorea sp. (yam).....			1			Florida.*
Do.....	do.....			1			New York.
Do.....	Musa sp. (banana).....	1					Florida.*
Pseudococcus nipae (coconut mealybug).....	Roystonea regia (royal palm).....			1			Do.*
Pseudococcus sacchari (Coccidae).....	Saccharum officinarum (sugarcane).....	1					Massachusetts.
Pseudococcus sp. (Coccidae).....	Ananas sativus (pineapple).....				1		Pennsylvania.
Do.....	Cucurbita pepo (pumpkin).....					2	Do.
Pulvinaria psidii (Coccidae).....	Gardenia florida (Cape jasmine).....			1			Florida.*
Do.....	do.....			1			Do.*
Pulvinaria sp. (Coccidae).....	do.....			1			Louisiana.
Pyraustinae (Pyralidae).....	Cucurbita maxima (squash).....	1					New York.
Do.....	do.....	2					Pennsylvania.
Pyroderces sp. (Cosmopterigidae).....	Ananas sativus (pineapple).....	4					

List, by countries, of pests collected and reported from January 1 to December 31, 1928, inclusive—Continued

Country of origin and name of pest	Host	Number of interceptions in—					Collected in—
		Cargo	Mail	Baggage	Quarters	Stores	
CUBA—Continued							
Insects—Continued.							
Rhizoglyphus hyacinthi (bulb mite).	Bulb.....			1			Porto Rico.
Rhyphus sp. (Rhyphidae).	Bagasse.....	1					Pennsylvania.
Saissetia hemisphaerica (hemispherical scale).	Chayote edulis (chayote)...	1					New York.
Scolytid.....	Banana débris.....	2					Pennsylvania.
Do.....	Inodes causiarius (palm)...		1				District of Columbia.
Do.....	Phaseolus lunatus macrocarpus (Lima bean).	2					New York.
Selenophorus pyritosus (Carabidae).	In crate of Lima beans....	1					Do.
Silvanus sp. (Cucujidae)...	Banana débris.....	1					Pennsylvania.
Solenopsis sp. (ant).....	Saccharum officinarum (sugarcane).			1			Florida.*
Spermophagus sp. (Bruchidae).	Caesalpinia bijuga (seed)...		1				District of Columbia.
Swammerdamella sp. (Scaptosidae).	Ananas sativus (pineapple).	1					Do.
Targionia sacchari (Coccidae).	Saccharum officinarum (sugarcane).				1		Do.
Targionia sp. (Coccidae)...	Ananas sativus (pineapple).	1					Do.
Telephanus pallidulus (Cucujidae).	Bananas débris.....	1					Pennsylvania.
Telephanus sp. (Cucujidae).	do.....	1					Do.
Tetramorium guineense (ant).	Saccharum officinarum (sugarcane).	2					Massachusetts.
Tineid.....	Banana leaf débris.....	3					Pennsylvania.
Do.....	Banana débris.....	1					Do.
Tortricid.....	Banana leaf débris.....	1					Do.
Do.....	Phaseolus lunatus macrocarpus (Lima bean).	1					New York.
Trialeurodes floridensis (guave whitefly).	Persea americana (avocado).			1			Florida.*
Trionymus sacchari (Coccidae).	Saccharum officinarum (sugarcane) (cutting).		1				District of Columbia.
Trionymus sp. (Coccidae)...	Opizia stolonifera (Acapulco grass).		1				Do.
Veronicella sp. (Mollusca).	Capsicum annum (pepper).	1					New York.
Diseases:							
Actinomyces scabies.....	Solanum tuberosum (potato).					5	Florida.*
Aspergillus flavus.....	Bobug tree (seed pod)....			1			Do.*
Capnodium sp.....	Citrus grandis (grapefruit).	1					New York.
Colletotrichum gloeosporioides.	Persea americana (avocado).	1					Do.
Do.....	do.....				1		Pennsylvania.
Colletotrichum phomoides.	Lycopersicum esculentum (tomato).	1					New York.
Colletotrichum sp.....	Euphorbia lactea.....		1				California.*
Do.....	Persea americana (avocado).	1					New York.
Diplodia cacaoicola.....	do.....	2					Do.
Diplodia natalensis.....	Cocos nucifera (coconut)...			1			Florida.*
Fusarium sp.....	Citrus grandis (grapefruit).					1	Pennsylvania.
Do.....	Solanum tuberosum (potato).					4	Florida.*
Glomerella cingulata.....	Persea americana (avocado).	1					New York.
Melanconium sacchari.....	Saccharum officinarum (sugarcane).		1				Florida.*
Mucor sp.....	Persea americana (avocado).				1		Pennsylvania.
Pestalozzia sp.....	Cocos nucifera (coconut)...			1			Florida.*
Phomopsis citri.....	Citrus grandis (grapefruit).				1		Pennsylvania.
Rhizopus nigricans.....	Bobug tree (seed pod)....			1			Florida.*
Rhizopus sp.....	Cucumis sativus (cucumber).	1					New York.
Sphaceloma citri.....	Citrus grandis (grapefruit).				1		Pennsylvania.
Do.....	Citrus sinensis (orange)...		1				Florida.*
Spondylocadium atrovirens	Solanum tuberosum (potato).					2	Do.*

List, by countries, of pests collected and reported from January 1 to December 31, 1928, inclusive—Continued

Country of origin and name of pest	Host	Number of interceptions in—					Collected in—
		Cargo	Mail	Baggage	Quarters	Stores	
CURACAO							
Insects: <i>Anastrepha serpentina</i> (Trypetidae).	<i>Achras sapota</i> (nispero)			1			Porto Rico
CYPRUS							
Insects: <i>Corecya cephalonica</i> (Pyralidae).	<i>Ceratonia siliqua</i> (carob)	1					New York.
<i>Ephestia</i> sp. (Pyralidae)	do	1					Do.
<i>Julus</i> sp. (myriapod)	In soil on grape cuttings		1				Do.
<i>Tipula</i> sp. (Tipulidae)	do		1				Do.
CZECHOSLOVAKIA							
Insects: <i>Agriotes</i> sp. (Elateridae)	In soil around ivy plants		1				Pennsylvania.
<i>Balaninus</i> sp. (Curculionidae)	<i>Corylus avellana</i> (filbert)		1				Do.
<i>Blastodacna</i> sp. (Cosmopterigidae)	<i>Malus sylvestris</i> (apple)		1				Do.
<i>Brachyrhinus sulcatus</i> (Curculionidae)	In soil around ivy plants		1				Do.
<i>Cantharis</i> sp. (Cantharidae)	do		1				Do.
<i>Coccinae</i> (Coccidae)	<i>Prunus</i> sp. (stem)		1				District of Columbia.
<i>Harpalini</i> (Carabidae)	In soil around ivy plants		1				Pennsylvania.
<i>Histiostoma</i> sp. (mite)	<i>Solanum tuberosum</i> (potato).		1				Do.
<i>Hypera</i> sp. (Curculionidae)	<i>Secale cereale</i> (rye) (seed)		1				District of Columbia.
<i>Lepidosaphes ulmi</i> (oyster-shell scale).	<i>Malus</i> sp. (cutting)		1				Do.
Do	<i>Malus</i> sp. (stem)		1				Do.
<i>Leptothorax</i> sp. (ant)	In soil and sphagnum moss used as packing for carnation plants.		1				Pennsylvania.
<i>Limonius pilosis</i> (Elateridae).	do		1				Do.
<i>Rhizoglyphus</i> sp. (mite)	On stem of plant		1				Do.
<i>Rhyparochromus antennatus</i> (Lygaeidae).	In soil and sphagnum moss used as packing for carnation plants.		1				Do.
Diseases: <i>Rhizoctonia solani</i>	<i>Solanum tuberosum</i> (potato).		1				Do.
<i>Venturia inaequalis</i>	<i>Malus sylvestris</i> (apple)		1				Do.
DENMARK							
Insects: <i>Diaspis carueli</i> (Coccidae)	<i>Juniperus sabina</i> (savin) (fruit).		1				District of Columbia.
<i>Folsomia fimetaria</i> (Collembola).	<i>Solanum tuberosum</i> (potato).					1	Pennsylvania.
<i>Hemichionaspis aspidistrae</i> (aspidistra scale).	<i>Aspidistra</i> sp. (plant)				1		Do.
<i>Hylemyia</i> sp. (Anthomyiidae).	<i>Brassica rapa</i> (turnip)					1	Massachusetts.
<i>Isotoma</i> sp. (Collembola)	Carrot debris					1	Pennsylvania.
<i>Phenacoccus aceris</i> (Coccidae).	<i>Ribes</i> sp. (gooseberry) (plant).		1				District of Columbia.
Diseases: <i>Actinomyces scabies</i>	<i>Solanum tuberosum</i> (potato).					2	Massachusetts.
<i>Septoria petroselinii</i> apii	<i>Apium graveolens</i> (celery)					1	New York.
<i>Venturia inaequalis</i>	<i>Malus sylvestris</i> (apple)		1				California.*
DOMINICA							
Insects: <i>Chrysomphalus aonidum</i> (Florida red scale).	<i>Citrus aurantifolia</i> (lime)	1					New York.
<i>Lepidosaphes beckii</i> (purple scale).	do	1					Do.
<i>Pseudonidia articulatus</i> (rufous scale).	do	1					Do.
<i>Pseudococcus citri</i> (citrus mealybug).	do	1					Do.



*List, by countries, of pests collected and reported from January 1 to December 31, 1928, inclusive—Continued*

Country of origin and name of pest	Host	Number of interceptions in—					Collected in—
		Cargo	Mail	Baggage	Quarters	Stores	
DOMINICAN REPUBLIC							
Insects:							
Aspidiotus destructor (Coccidae).	Cocos nucifera (coconut)					1	Florida.*
Calendra sp. (Curculionidae).	Musa paradisiaca (plantain).	1					Porto Rico.
Camponotus sp. (ant)	In hold of ship with refuse.						Do.
Chionaspis citri (orange chionaspis).	Citrus sinensis (orange)	1					New York.
Coccus mangiferae (Coccidae).	Unknown leaf			1			Do.
Cyclocephala notata (Scarabaeidae).	Saccharum officinarum (sugarcane).	1					Porto Rico.
Cyclocephala spp. (Scarabaeidae).	In hold of ship						Do.
Cylas formicarius (sweet-potato weevil).	Ipomoea batatas (sweet-potato).					1	Pennsylvania.
Diabrotica graminea (Chrysomelidae).	In hold of ship						Porto Rico.
Diaphania sp. (Pyralidae)	Chayota edulis (chayote)	1					New York.
Diatraea sp. (Pyralidae)	Saccharum officinarum (sugarcane).	1					Porto Rico.
Ephestia sp. (Pyralidae)	Theobroma cacao (cacao bean).	1					California.*
Etiella zinckenella (Pyralidae).	Cajanus indicus (pigeon pea).	2					New York.
Heliothis virescens (Noctuidae).	do	1					Do.
Lepidosaphes beckii (purple scale).	Citrus aurantifolia (lime).				1		Pennsylvania.
Do	Citrus grandis (grapefruit).				1		Florida.*
Monocrepidius sp. (Elateridae).	In hold of ship						Porto Rico.
Myeloides atristrigella (Pyralidae).	Bayahonda seeds		1				Do.
Pectinophora gossypiella (pink bollworm).	Gossypium sp. (cottonseed).			1			New York.
Phycitinae (Pyralidae)	Xanthosoma sp. (malanga).			1			Porto Rico.
Pseudococcus virgatus (Coccidae).	Citrus sp. (plant)			1			New York.
Pyraustinae (Pyralidae)	Chayota edulis (chayote).	1					Do.
Pyroderes sp. (Cosmopterygidae).	Saccharum officinarum (sugarcane).	1					Porto Rico.
Pyrophorus sp. (Elateridae).	In hold of ship						Do.
Tetramorium guineense (ant).	Saccharum officinarum (sugarcane).	1					Do.
Thonalmus sp. (Lycidae)	In hold of ship						Do.
DUTCH GUIANA							
Diseases:							
Actinomyces scabies	Solanum tuberosum (potato).					1	Florida.*
Fusarium sp.	do					1	Do.*
EAST AFRICA							
Insects:							
Olethreutid	Monarda sp.		1				District of Columbia.
Phthorimaea operculella (potato tuber worm).	Solanum tuberosum (potato).					5	Pennsylvania.
Rhyncolus sp. (Curculionidae).	Herbarium specimens	1					District of Columbia.
ECUADOR							
Insects:							
Coccus elongatus (Coccidae).	Caladium type					1	South Carolina.
Coccus sp. (Coccidae)	Palm					1	Do.
Ephestia sp. (Pyralidae)	Theobroma cacao (cacao bean).	2					California.*
Ischnaspis longirostris (thread scale).	Palm					1	South Carolina.

List, by countries, of pests collected and reported from January 1 to December 31, 1923, inclusive—Continued

Country of origin and name of pest	Host	Number of interceptions in—					Collected in—
		Cargo	Mail	Baggage	Quarters	Stores	
EGYPT							
Insects:							
Aspidiotus lataniae (Coccidae).	Palm (plant)-----				1		Pennsylvania.
Bruchus sp. (Bruchidae)---	Lens esculenta (lentil)---					1	California.*
Ceutorhynchus sp. (Curculionidae).	Brassica rapa (turnip)---					1	South Carolina.
Chrysomphalus aonidum (Florida red scale).	Citrus limonia (lemon)---					1	Massachusetts.
Do-----	do-----					1	Pennsylvania.
Do-----	Citrus sinensis (orange)---					2	Massachusetts.
Do-----	do-----					1	New York.
Do-----	do-----					2	Pennsylvania.
Do-----	Palm-----				1		Do.
Chrysomphalus aurantii (California red scale).	Citrus limonia (lemon)---					1	Do.
Do-----	Citrus sinensis (orange)---					1	Massachusetts.
Do-----	do-----					1	Pennsylvania.
Chrysomphalus dictyospermi (Coccidae).	Citrus lominia (lemon)---					1	Do.
Chrysomphalus sp. (Coccidae).	do-----					1	Massachusetts.
Curculionid-----	Solanum tuberosum (potato).					1	Pennsylvania.
Dermestes sp. (Dermestidae).	Potato débris-----					1	Do.
Entomobrya sp. (Collembola).	Shrub-----			1			New York.
Histiostoma sp. (mite)---	Solanum tuberosum (potato).					1	Pennsylvania.
Lepidosaphes beckii (purple scale).	Citrus limonia (lemon)---					1	Massachusetts.
Do-----	do-----					1	Pennsylvania.
Do-----	Citrus sinensis (orange)---					2	Massachusetts.
Do-----	do-----					2	Pennsylvania.
Do-----	do-----					1	South Carolina.
Monomorium pharaonis (Pharaoh's ant).	Potato débris-----					1	Pennsylvania.
Parlatoria pergandii (chaff scale).	Citrus limonia (lemon)---					1	Do.
Do-----	Citrus sinensis (orange)---					1	Massachusetts.
Do-----	do-----					2	Pennsylvania.
Pectinophora gossypiella (pink bollworm).	Gossypium sp. (cottonseed).	1					New York.
Phthorimaea operculella (potato tuber worm).	Solanum tuperosum (potato).					1	Massachusetts.
Do-----	do-----					4	Pennsylvania.
Do-----	do-----					2	South Carolina.
Rhizoglyphus hyacinthi (bulb mite).	Allium cepa (onion)---					1	Pennsylvania.
Rhizoglyphus sp. (mite)---	Solanum tuberosum (potato).					2	Do.
Syrphid-----	Allium cepa (onion)---					1	Do.
Tetramorium guineense (ant).	Solanum tuberosum (potato).					1	Do.
Diseases:							
Actinomyces scabies-----	do-----					1	Florida.*
Do-----	do-----					1	South Carolina.
Aspergillus niger-----	Allium cepa (onion)---	1					New York.
ENGLAND							
Insects:							
Acrotichis intermedia (Ptiliidae).	In soil around roots of chrysanthemum plants.		1				Pennsylvania.
Agriolimax agrestis (Mollusca).	Allium porrum (leek)---					1	Do.
Do-----	Brassica oleracea capitata (cabbage).					1	Do.
Do-----	Rosa sp. (rose)-----		1				Massachusetts.
Agriotes sp. (Elateridae)---	Primula sp. (primrose) (root).		1				Pennsylvania.
Agromyzid-----	Brassica oleracea capitata (cabbage).					1	Louisiana.
Do-----	Brassica oleracea botrytis (cauliflower).					1	Pennsylvania.
Do-----	Brassica rapa (turnip)---					2	Do.
Do-----	Onion débris-----					1	Do.

List, by countries, of pests collected and reported from January 1 to December 31, 1928, inclusive—Continued

Country of origin and name of pest	Host	Number of interceptions in—					Collected in—
		Cargo	Mail	Baggage	Quarters	Stores	
ENGLAND—Continued							
Insects—Continued.							
Aleyrodes azaleae (whitefly)	Azalea boothii	1					District of Columbia.
Anisolabis annulipes (earwig).	Brassica rapa (turnip)					1	Pennsylvania.
Anthomyiid	do					1	Do.
Anuraphis tulipae (aphid)	Iris mirza		1				District of Columbia.
Do	Iris sp. (leaf)		1				Do.
Apion sp. (Curculionidae)	Trifolium sp. (clover)		1				New York.
Armadillidium vulgare (isopod).	In soil		1				Illinois.
Aspidiotus hederæ (ivy scale)	Kentia sp. (palm)				1		Washington.
Do	Palm				1		Massachusetts.
Do	Phoenix sp. (leaf)				1		Do.
Aspidiotus lataniae (Coccidae).	Nepenthes dicksoniana	1					District of Columbia.
Athous haemorrhoidalis (Elateridae).	In root of grass (sod)		1				Do.
Athous sp. (Elateridae)	In soil around roots of primrose plants.			1			Massachusetts.
Do	Primula sp. (primrose)		1				New York.
Baccha sp. (Syrphidae)	Brassica oleracea capitata (cabbage).					1	Pennsylvania.
Balaninus sp. (Curculionidae)	With packing of chestnuts, walnuts, and pears.		1				New York.
Bregmatothrips iridis (thrips).	Iris jenkinsii (leaf)		1				District of Columbia.
Do	Iris sp		1				Do.
Capitophorus rosarum (aphid).	Ivy		1				Massachusetts.
Do	Rosa sp. (rose)		1				Do.
Carpocapsa pomonella (codling moth).	Malus sylvestris (apple)		1				Pennsylvania.
Cavariella capreae (aphid).	Ivy		1				Massachusetts.
Do	Rosa sp. (rose)		1				Do.
Cerataphis lataniae (aphid)	Cypripedium bellatulum (lady slipper).	1					District of Columbia.
Do	Laeliocattleya miranda (orchid).	1					Do.
Ceutorhynchus pleurostigma (turnip gall weevil).	Brassica rapa (turnip)					1	Massachusetts.
Do	do					21	Pennsylvania.
Ceutorhynchus sp. (Curculionidae).	do					2	Massachusetts.
Do	do					7	Pennsylvania.
Do	do					1	South Carolina.
Do	In galls on turnips					1	Do.
Chionaspis salicis (Coccidae).	Salix cinerea tricolor	1					District of Columbia.
Chironomid	In soil around roots of chrysanthemum plants.		1				Pennsylvania.
Do	Kniphofia multiflora	1					District of Columbia.
Chrysomphalus aurantii (California red scale).	Citrus sinensis (orange)		1				Michigan.
Do	Ilex sp. (leaf)	1					District of Columbia.
Coccinae (Coccidae)	Nepenthes mastersiana	1					Do.
Do	Nepenthes sp	1					Do.
Do	Nepeta glechoma (cutting and leaf).			1			New York.
Do	Pileostegia viburnoides (plant).	1					District of Columbia.
Coccinella trifasciata (Coccinellidae).	Brassica oleracea capitata (cabbage).					1	Massachusetts.
Coccus hesperidum (soft brown scale).	Cypripedium King Arthur (orchid).	1					District of Columbia.
Do	Hedera sp. (ivy)	1					Do.
Do	Laurus sp. (bay) (leaf)			2			Massachusetts.
Do	Laurus sp. (bay) (tree)			1			Do.
Do	Laurus sp. (bay)			2			Do.
Do	Nepenthes formosa	1					District of Columbia.
Do	Ricinus communis (castor bean).				2		Massachusetts.
Cochlicopa lubrica (Mollusca).	In soil around chrysanthemum plants.		1				Pennsylvania.



List, by countries, of pests collected and reported from January 1 to December 31, 1928, inclusive—Continued

Country of origin and name of pest	Host	Number of interceptions in—					Collected in—
		Cargo	Mail	Baggage	Quarters	Stores	
ENGLAND—Continued							
Insects—Continued.							
Curculionid.....	Brassica oleracea botrytis (cauliflower).....	-----	-----	-----	-----	1	Pennsylvania.
Dermestes sp. (Dermestidae).....	Nicotiana tabacum (tobacco).....	1	-----	-----	-----	-----	Maryland.
Diaspis boisduvalii (Boisduval's scale).....	Sophrolaeliocactleya sp. (plant).....	1	-----	-----	-----	-----	District of Columbia
Diaspis sp. (Coccidae).....	Cymbidium sp. (orchid) (leaf).....	1	-----	-----	-----	-----	Do.
Emphytus cinctus (sawfly).....	Rosa sp. (Manetti stock).....	1	-----	-----	-----	-----	Connecticut.*
Do.....	do.....	1	-----	-----	-----	-----	New York.
Do.....	do.....	1	-----	-----	-----	-----	Pennsylvania.*
Entomobryid (Collembola).....	Solanum tuberosum (potato).....	-----	-----	-----	-----	1	South Carolina.
Folsomia fimetaria (Collembola).....	Daucus carota (carrot).....	-----	-----	-----	-----	1	Pennsylvania.
Hemichionaspis aspidistrae (aspidistra scale).....	Aspidistra sp.....	-----	-----	-----	1	-----	Massachusetts.
Do.....	Aspidistra sp. (plant).....	-----	-----	-----	2	-----	Pennsylvania.
Do.....	Aspidistra sp.....	-----	-----	-----	1	-----	Washington.
Histiostoma gracilipes (mite).....	Solanum tuberosum (potato).....	-----	-----	-----	-----	1	South Carolina.
Histiostoma sp. (mite).....	Allium cepa (onion).....	-----	-----	-----	-----	1	Pennsylvania.
Do.....	Solanum tuberosum (potato).....	-----	-----	-----	-----	4	Do.
Hylemyia cilicrura (seed-corn maggot).....	Brassica rapa (turnip).....	-----	-----	-----	-----	4	Do.
Hylemyia sp. (Anthomyiidae).....	Brassica oleracea capitata (cabbage).....	-----	-----	-----	-----	2	Do.
Do.....	Brassica rapa (turnip).....	-----	-----	-----	-----	1	New York.
Do.....	do.....	-----	-----	-----	-----	14	Pennsylvania.
Do.....	do.....	-----	-----	-----	-----	1	South Carolina.
Do.....	In stores on ship.....	-----	-----	-----	-----	-----	Pennsylvania.
Illinois solanifolii (aphid).....	Lactuca sativa (lettuce).....	-----	-----	-----	-----	1	Do.
Isotoma olivacea (Collembola).....	Primula sp. (primrose) (leaf).....	-----	1	-----	-----	-----	Do.
Isotoma sp. (Collembola).....	Solanum tuberosum (potato).....	-----	-----	-----	-----	1	South Carolina.
Lecanium sp. (Coccidae).....	Phillyrea angustifolia.....	1	-----	-----	-----	-----	District of Columbia.
Lepidosaphes beckii (purple scale).....	Citrus nobilis deliciosa (tangerine).....	-----	1	-----	-----	-----	Massachusetts.
Lepidosaphes gloverii (Glover's scale).....	do.....	-----	1	-----	-----	-----	Do.
Do.....	Citrus sinensis (orange).....	-----	-----	-----	-----	1	Florida.*
Lepidosaphes ulmi (oyster-shell scale).....	Cornus alba sanguinea.....	1	-----	-----	-----	-----	District of Columbia.
Do.....	Cornus controversa variegata (silver-margin dogwood).....	1	-----	-----	-----	-----	Do.
Lepidosaphes sp. (Coccidae).....	Orchid.....	1	-----	-----	-----	-----	New York.
Mycetophilid.....	In soil and sphagnum around primula plants.....	-----	1	-----	-----	-----	Pennsylvania.
Myzus polyanthi (aphid).....	Primula sp. (primrose).....	-----	-----	1	-----	-----	Massachusetts.
Myzus sp. (aphid).....	Dianthus sp. (leaf).....	-----	1	-----	-----	-----	District of Columbia.
Noctuid.....	Brassica rapa (turnip).....	-----	-----	-----	-----	1	Pennsylvania.
Onychiurus armatus (Collembola).....	In soil around roots of shamrock plants.....	-----	1	-----	-----	-----	Massachusetts.
Onychiurus sp. (Collembola).....	In soil around potted plant.....	-----	-----	-----	1	-----	Pennsylvania.
Ortalid.....	Brassica rapa (turnip).....	-----	-----	-----	-----	2	Do.
Parlatoria pergandii (chaff scale).....	Citrus nobilis deliciosa (tangerine).....	-----	1	-----	-----	-----	Massachusetts.
Do.....	Citrus sinensis (orange).....	-----	-----	-----	-----	1	Florida.*
Parlatoria proteus (Coccidae).....	Dendrobium illustre (plant).....	1	-----	-----	-----	-----	District of Columbia.
Do.....	Phalaenopsis rimestadtiana (moth orchid).....	1	-----	-----	-----	-----	Do.
Phthorimaea operculella (potato tuber worm).....	In stores on ship.....	-----	-----	-----	-----	-----	Pennsylvania.
Phytonomus nigrirostris (Curculionidae).....	Trifolium sp. (clover).....	-----	1	-----	-----	-----	New York.
Plutella maculipennis (diamond-back moth).....	Brassica oleracea capitata (cabbage).....	-----	-----	-----	-----	7	Pennsylvania.
Do.....	Brassica oleracea botrytis (cauliflower).....	-----	-----	-----	-----	1	Do.

List, by countries, of pests collected and reported from January 1 to December 31, 1928, inclusive—Continued

Country of origin and name of pest	Host	Number of interceptions in—					Collected in—
		Cargo	Mail	Baggage	Quarters	Stores	
ENGLAND—Continued							
Insects—Continued.							
<i>Prolabia arachidis</i> (earwig).	In bale of bagging.....	1					New York.
<i>Pseudococcus citri</i> (citrus mealy bug).	<i>Gardenia</i> sp.....	1					District of Columbia.
<i>Pseudococcus comstocki</i> (Coccidae).	<i>Escallonia organensis</i> .....	1					Do.
<i>Pseudococcus maritimus</i> (Coccidae).	<i>Cereus</i> sp.....	1					Do.
Do.....	<i>Euphorbia pendula</i> .....	1					Do.
<i>Pseudococcus</i> sp. (Coccidae)	<i>Brassocattleya flene</i> (orchid).	1					Do.
<i>Psylla</i> sp. (Psyllidae).....	<i>Ilex</i> sp. (holly) (cutting).....		1				Pennsylvania.
<i>Psylliodes</i> sp. (Chrysomelidae).	<i>Brassica rapa</i> (turnip).....					1	Do.
<i>Pulvinaria floccifera</i> (Coccidae).	<i>Cypripedium Dreadnaught</i> (orchid).	1					District of Columbia.
<i>Pyraustinae</i> (Pyrilidae).....	Sphagnum moss packing around Manetti stock.	1					Pennsylvania.
<i>Rhizoglyphus hyacinthi</i> (bulb mite).	<i>Allium cepa</i> (onion).....					1	Do.
<i>Rhizoglyphus</i> sp. (mite).....	<i>Solanum tuberosum</i> (potato).					2	South Carolina.
<i>Saissetia hemisphaerica</i> (hemispherical scale).	<i>Dendrobium chesingtonense</i> (orchid).	1					District of Columbia.
Do.....	Unidentified plant.....				2		Pennsylvania.
<i>Sciara</i> sp. (Mycetophilidae).....	<i>Brassica rapa</i> (turnip).....					1	Do.
Do.....	Orchid (plant).....	1					New York.
Do.....	<i>Solanum tuberosum</i> (potato).					2	Pennsylvania.
<i>Sericothrombium</i> sp. (mite)	<i>Primula</i> sp. (primrose) (leaf).		1				Do.
<i>Sitona flavescens</i> (Curculionidae).	Green vegetables.....					1	Do.
<i>Syrphid</i> .....	<i>Brassica oleracea botrytis</i> (cauliflower).					1	Do.
Do.....	<i>Brassica oleracea capitata</i> (cabbage).					2	Do.
Do.....	<i>Rosa</i> sp. (Manetti stock).....	1					Do.
<i>Syrphus</i> sp. (Syrphidae).....	<i>Brassica oleracea capitata</i> (cabbage).					3	Do.
Do.....	<i>Lactuca sativa</i> (lettuce).....					1	Do.
Do.....	<i>Rosa</i> sp. (rose).....		1				Massachusetts.
Do.....	<i>Rosa</i> sp. (rose) (bush).....		1				Pennsylvania.
<i>Taeniothrips picipes</i> (thrips)	<i>Chrysanthemum</i> sp. (plant).		1				Do.
Do.....	do.....		1				Do.
<i>Taeniothrips</i> sp. (thrips).....	In box of orchid plants.....	1					District of Columbia.
<i>Tapinoma</i> sp. (ant).....	<i>Laeliocattleya soulange</i> (orchid).	1					Do.
<i>Tetramorium caespitum</i> (ant).							
<i>Tinea</i> sp. (Tineidae).....	In stores on ship.....						Pennsylvania.
Tineid.....	Bagging.....	1					New York.
Do.....	<i>Primula</i> sp. (plant).....		1				Do.
<i>Tipula</i> sp. (Tipulidae).....	Moss packing around wall flower plant.		1				Pennsylvania.
Tipulid.....	Sphagnum moss packing around Manetti stock.	1					Do.
<i>Trialeurodes</i> sp. (whitefly).....	Daisy.....				1		Massachusetts.
<i>Trichocera</i> sp. (Tipulidae).....	<i>Iris</i> (Japanese type).....	1					District of Columbia.
Do.....	<i>Tradescantia</i> sp.....	1					Do.
<i>Trionymus peregrinus</i> (Coccidae).	<i>Nerine</i> sp. (bulb).....		1				Do.
Diseases:							
<i>Actinomyces scabies</i> .....	<i>Solanum tuberosum</i> (potato).					16	Florida.*
Do.....	do.....					3	Louisiana.
Do.....	do.....					1	Massachusetts.
Do.....	do.....					10	Pennsylvania.
Do.....	do.....					4	South Carolina.
<i>Bacterium tumefaciens</i> .....	<i>Rosa</i> sp. (English Manetti stock).	1					Illinois.*
Do.....	do.....	1					Michigan.*
<i>Caconema radicola</i> .....	<i>Petroselinum hortense</i> (parsley) (root).					1	Pennsylvania.

List, by countries, of pests collected and reported from January 1 to December 31,  
1928, inclusive—Continued

Country of origin and name of pest	Host	Number of interceptions in—					Collected in—
		Cargo	Mail	Baggage	Quarters	Stores	
ENGLAND—Continued							
Diseases—Continued.							
Cephalosporium sp.....	Brassica oleracea capitata (cabbage) (stem).					1	South Carolina.
Cladosporium herbarum.....	Clematis var. C. E. Gladstone.		1				District of Columbia.
Fusarium sp.....	Solanum tuberosum (potato).					6	Florida.*
Do.....	do.....					2	Pennsylvania.
Oospora pustulans.....	do.....					2	Massachusetts.
Do.....	do.....					5	Pennsylvania.
Do.....	do.....					3	South Carolina.
Penicillium digitatum.....	Citrus sinensis (orange).					1	Louisiana.
Perisporiaceae.....	Aspidistra leaf				1		Pennsylvania.
Phytophthora infestans.....	Solanum tuberosum (potato).					1	Florida.*
Puccinia glumarum.....	Triticum aestivum (wheat) (glumes).		1				District of Columbia
Rhizoctonia solani.....	Solanum tuberosum (potato).					1	Florida.*
Do.....	do.....					1	Massachusetts.
Do.....	do.....					4	Pennsylvania.
Rhizopus sp.....	do.....					1	South Carolina.
Sclerotinia libertiana.....	Daucus carota (carrot).					1	Pennsylvania.
Sclerotium rolfsii.....	do.....					1	South Carolina.
Spondylocadium atrovirens.....	Solanum tuberosum (potato).					3	Florida.*
Spongospora subterranea.....	do.....					2	Massachusetts.
Do.....	do.....					6	Pennsylvania.
Do.....	do.....					4	South Carolina.
Venturia inaequalis.....	Malus sylvestris (apple).					1	Pennsylvania.
FEDERATED MALAY STATES							
Insects:							
Diaspis bromeliae (Coccidae).	Ananas sativus (pine-apple) (leaf).		2				District of Columbia.
Pseudococcus brevipes (pineapple mealybug).	do.....		2				Do.
Pseudococcus sp. (Coccidae)	do.....		1				Do.
Targionia bromeliae (Coccidae).	do.....		1				Do.
FIJI ISLANDS							
Insects:							
Ephestia sp. (Pryalidae)...	Theobroma cacao (cacao bean).	2					California.*
FINLAND							
Insects:							
Capitophorus tetrarhodus (aphid).	Rose débris.....				1		Pennsylvania.
FRANCE							
Insects:							
Acronycta auricoma (dagger moth).	Cydonia oblonga (quince) (stock).	2					Connecticut.*
Do.....	do.....	1					Iowa.*
Do.....	Malus sylvestris (apple) (stock).	3					Connecticut.*
Do.....	Malus sylvestris (Doucin stock).	2					Iowa.*
Do.....	Prunus domestica (plum) (stock).	3					Connecticut.*
Do.....	Prunus sp. (cherry) (stock)	3					Do.*
Do.....	Prunus sp. (Mahaleb stock).	4					Iowa.*
Do.....	Prunus sp. (Myrobalan)	1					Do.*
Do.....	Pyrus communis (pear) (stock).	2					Connecticut.*
Do.....	do.....	3					Iowa.*
Do.....	Pyrus communis (pear) (seedling).	1					Do.*
Do.....	Rosa sp. (Manetti stock)...	1					Do.*



List, by countries, of pests collected and reported from January 1 to December 31, 1928, inclusive—Continued

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		Cargo	Mail	Baggage	Quarters	Stores	
FRANCE—Continued							
Insects—Continued.							
Acronycta rumicis (sorrel cutworm).	Cydonia oblonga (quince) (stock).	1	-----	-----	-----	-----	Ohio.*
Do.....	do.....	1	-----	-----	-----	-----	Pennsylvania.*
Do.....	Malus sylvestris (apple) (stock).	1	-----	-----	-----	-----	North Carolina.*
Do.....	Malus sylvestris (apple) (seedling).	1	-----	-----	-----	-----	Do.*
Do.....	Prunus domestica (plum) (stock).	2	-----	-----	-----	-----	Ohio.*
Do.....	Prunus sp. (cherry) (stock)	1	-----	-----	-----	-----	New York.
Do.....	do.....	2	-----	-----	-----	-----	Ohio.*
Do.....	Pyrus communis (pear) (stock).	1	-----	-----	-----	-----	North Carolina.*
Do.....	do.....	2	-----	-----	-----	-----	Ohio.*
Do.....	Nursery stock.....	1	-----	-----	-----	-----	California.*
Do.....	do.....	2	-----	-----	-----	-----	North Carolina.*
Do.....	Rosa sp. (Multiflora stock).	1	-----	-----	-----	-----	Ohio.*
Do.....	Rosa sp. (rose) (stock).....	1	-----	-----	-----	-----	California.*
Acronycta sp. (Noctuidae)	Malus sylvestris (apple) (stock).	1	-----	-----	-----	-----	Connecticut.*
Do.....	Prunus domestica (plum) (stock).	1	-----	-----	-----	-----	Do.*
Do.....	Prunus sp. (cherry) (stock).	1	-----	-----	-----	-----	Do.*
Do.....	Rosa sp. (Manetti stock).....	1	-----	-----	-----	-----	Michigan.*
Agonum sp. (Carabidae)...	Malus sylvestris (apple) (seedling).	2	-----	-----	-----	-----	North Carolina.*
Agriotes sp. (Elateridae)...	In soil around roots of primrose plants.	-----	-----	1	-----	-----	Massachusetts.
Agromyzid.....	Brassica rapa (turnip).....	-----	-----	-----	-----	1	Pennsylvania.
Anisolabis annulipes (earwig).	Lilium sp. (lily) (bulb)...	1	-----	-----	-----	-----	New York.
Anisolabis sp. (earwig).....	do.....	1	-----	-----	-----	-----	Do.
Antispila sp. (Heliozelidae).....	Prunus domestica (plum) (stock).	1	-----	-----	-----	-----	Do.
Aonidia lauri (Coccidae).....	Laurus sp. (bay) (leaf).....	-----	-----	-----	1	-----	Rhode Island.
Apion carduorum (Curculionidae).....	Cynara scolymus (globe artichoke).	-----	-----	-----	-----	3	New York.
Aporia crataegi (white tree pierid).	Malus sylvestris (apple) (stock).	1	-----	-----	-----	-----	Connecticut.*
Do.....	Malus sylvestris (apple) (seedling).	2	-----	-----	-----	-----	New York.*
Do.....	Malus sylvestris (apple) (stock).	1	-----	-----	-----	-----	Ohio.*
Do.....	Pyrus communis (pear) (seedling).	2	-----	-----	-----	-----	New York.*
Do.....	Pyrus communis (pear) (stock).	1	-----	-----	-----	-----	Ohio.*
Aspidiotus hederæ (ivy scale).	Citrus limonia (lemon).....	-----	-----	-----	-----	1	Pennsylvania.
Attagenus pello (Dermestidae).....	Coconut fiber packing around fruit trees.	1	-----	-----	-----	-----	District of Columbia.
Aulacaspis rosæ (rose scale).	Rosa sp. (Manetti stock).....	4	-----	-----	-----	-----	Iowa.*
Do.....	do.....	1	-----	-----	-----	-----	New York.*
Do.....	Rosa sp. (rose) (stock).....	1	-----	-----	-----	-----	California.*
Blaps mucronata (Tenebrionidae).....	In case of cherry stock.....	1	-----	-----	-----	-----	Connecticut.*
Bruchus sp. (Bruchidae)...	Bean (seed).....	-----	1	-----	-----	-----	District of Columbia.
Do.....	Scorpiurus subvillosa.....	-----	1	-----	-----	-----	Do.
Calophasia lunula (Noctuidae).....	Cydonia oblonga (quince) (stock).	3	-----	-----	-----	-----	Ohio.*
Do.....	Malus sylvestris (apple) (stock).	2	-----	-----	-----	-----	Do.*
Carpocapsa pomonella (codling moth).	Juglans sp. (walnut).....	-----	-----	-----	-----	1	Pennsylvania.
Cecidomyiid.....	Brassica rapa (turnip).....	-----	-----	-----	-----	1	Do.
Ceratitis capitata (Mediterranean fruit fly).	Amygdalus persica (peach).....	-----	1	-----	-----	-----	New York.
Ceutorhynchus pleurostigma (turnip gall weevil).	Brassica rapa (turnip).....	-----	-----	-----	-----	1	Pennsylvania.



List, by countries, of pests collected and reported from January 1 to December 31, 1928, inclusive—Continued

Country of origin and name of pest	Host	Number of interceptions in—					Collected in—
		Cargo	Mail	Baggage	Quarters	Stores	
FRANCE—Continued							
Insects—Continued.							
Ceutorhynchus sp. (Curculionidae).	Brassica rapa (turnip)----	----	----	----	----	1	New York.
Do.....	do.....	----	----	----	----	1	Pennsylvania.
Chrysomphalus aonidum (Florida red scale).	Citrus limonia (lemon)----	----	----	----	----	1	Do.
Chrysomphalus dictyospermi (Coccidae).	Citrus sinensis (orange)----	----	1	----	----	----	Washington.
Chrysomphalus dictyospermi var. (Coccidae).	do.....	----	----	----	----	1	Oregon.
Cilix sp. (Drepanidae)-----	Malus sylvestris (apple)...	2	----	----	----	----	New York.
Do.....	Prunus sp. (Myrobalan stock).	1	----	----	----	----	Do.
Coccinae (Coccidae)-----	Camellia sp. (leaf)-----	1	----	----	----	----	District of Columbia.
Do.....	Malus sp.-----	----	1	----	----	----	Do.
Do.....	Vitis sp. (grape)-----	----	1	----	----	----	Do.
Coccus hesperidum (soft brown scale).	Hedera dentata variegata (leaf).	1	----	----	----	----	Do.
Do.....	Laurus sp. (bay) (leaf)----	----	----	----	1	----	Rhode Island.
Do.....	Sarcococca hookeriana....	1	----	----	----	----	District of Columbia.
Coreyra cephalonica (Pyralidae).	Amygdalus communis (almond).	----	1	----	----	----	Michigan.
Curculionid.....	Cycas sp. (seed)-----	----	1	----	----	----	District of Columbia.
Diaspis carueli (Coccidae)...	Juniperus bermudiana (Bermuda red cedar) (seed).	----	1	----	----	----	Do.
Emphytus cinctus (sawfly)...	Rosa sp. (Manetti stock)...	1	----	----	----	----	California.*
Do.....	do.....	1	----	----	----	----	New York.
Do.....	Rosa sp. (rose) (stock)....	1	----	----	----	----	California.*
Empria sp. (sawfly)-----	Rosa sp. (Manetti stock)....	1	----	----	----	----	New York.
Ephestia sp. (Pyralidae)....	Amygdalus communis (almond).	----	1	----	----	----	Michigan.
Epidiaspis pricola (European pear scale).	Malus sylvestris (apple) (stock).	16	----	----	----	----	New York.
Do.....	do.....	2	----	----	----	----	Ohio.*
Do.....	do.....	1	----	----	----	----	Pennsylvania.*
Do.....	Prunus domestica (plum) (stock).	1	----	----	----	----	New York.*
Do.....	Prunus domestica (plum) (seedling).	1	----	----	----	----	Do.*
Do.....	Prunus domestica (plum) (stock).	1	----	----	----	----	Pennsylvania.*
Do.....	Prunus sp. (Myrobalan stock).	11	----	----	----	----	New York.
Do.....	Pyrus communis (pear)----	12	----	----	----	----	Do.
Do.....	do.....	1	----	----	----	----	New York.*
Do.....	do.....	4	----	----	----	----	Ohio.*
Eriosoma lanigerum (woolly apple aphid).	Cydonia oblonga (quince) (stock).	1	----	----	----	----	Michigan.*
Do.....	Malus sylvestris (apple) (stock).	3	----	----	----	----	Connecticut.*
Do.....	Malus sylvestris (apple) (seedling).	1	----	----	----	----	Iowa.*
Do.....	Malus sylvestris (apple) (stock).	1	----	----	----	----	Michigan.*
Eriosoma pyricola (woolly pear aphid).	Pyrus communis (pear) (stock).	1	----	----	----	----	California.*
Do.....	do.....	1	----	----	----	----	Ohio.*
Eumerus strigatus (lesser bulb fly).	Lilium candidum (Madonna lily) (bulb).	1	----	----	----	----	New York.
Do.....	Lilium sp. (lily) (bulb)....	3	----	----	----	----	Do.
Eumerus sp. (Syrphidae)....	Lilium candidum (Madonna lily) (bulb).	2	----	----	----	----	Do.
Do.....	Lilium sp. (lily) (bulb)....	2	----	----	----	----	Do.
Histiostoma sp. (mite)-----	Solanum tuberosum (potato).	----	----	----	1	----	Pennsylvania.
Hylemyia sp. (Anthomyiidae).	Brassica rapa (turnip)----	----	----	----	----	1	New York.
Do.....	do.....	----	----	----	----	3	Pennsylvania.
Laemophloeus sp. (Cucujidae).	Hyacinthus sp. (bulb)-----	1	----	----	----	----	Do.
Laspeyresia splendana reaumurana (Olethreutidae).	Castanea sp. (chestnut)----	----	----	----	----	1	Do.

List, by countries, of pests collected and reported from January 1 to December 31, 1928, inclusive—Continued

Country of origin and name of pest	Host	Number of interceptions in—					Collected in—
		Cargo	Mail	Baggage	Quarters	Stores	
FRANCE—Continued							
Insects—Continued.							
Lecanium sp. (Coccidae)...	Malus sylvestris (apple)...	1					New York.
Lepidosaphes beckii (purple scale).	Citrus limonia (lemon)...					2	Pennsylvania.
Do.....	Citrus sinensis (orange)...				1		Florida.*
Lepidosaphes gloverii (Glover's scale).	do.....				1		Do.*
Do.....	do.....					1	Oregon.
Do.....	do.....					2	Pennsylvania.
Lepidosaphes ulmi (oyster-shell scale).	Malus sp.....		1				District of Columbia.
Do.....	Populus sp. (plant).....			1			Do.
Liothrips vaneckei (thrips).	Lilium sp. (lily) (bulb)...	2					New York.
Merodon sp. (Syrphidae)...	Hyacinthus sp. (bulb)...	1					Do.
Miselia suasa (Noctuidae)...	Rosa sp. (rose) (stock)...	1					Connecticut.*
Notolophus antiqua (European tussock moth).	Cydonia oblonga (quince) (stock).	4					Iowa.*
Do.....	Malus sylvestris (apple) (stock).	4					Connecticut.*
Do.....	do.....	4					Iowa.*
Do.....	do.....	1					New York.*
Do.....	Malus sylvestris (Doucin) (stock).	1					Iowa.*
Do.....	Malus sylvestris (apple) (seedling).	1					New York.*
Do.....	Prunus domestica (plum) (stock).	2					Ohio.*
Do.....	do.....	1					Pennsylvania.
Do.....	Pyrus communis (pear) (seedling).	1					Iowa.*
Do.....	do.....	1					New York.*
Do.....	Pyrus communis (pear) (stock).	2					Iowa.*
Do.....	do.....	3					New York.*
Do.....	Rosa sp. (rose) (stock)...	1					California.*
Do.....	do.....	1					Connecticut.*
Do.....	do.....	1					Ohio.*
Nygmia phaeorrhoea (brown-tail moth).	Malus sylvestris (apple) (stock).	1					Pennsylvania.*
Do.....	Pyrus communis (pear) (seedling).	1					New York.*
Do.....	Pyrus communis (pear) (stock).	2					Do.*
Onychiurus armatus (Collembola).	In soil around roots of primrose plants.			1			Massachusetts.
Ortalid.....	Capsicum annuum (pepper).		1				District of Columbia.
Do.....	Lilium sp. (lily) (bulb)...	1					New York.
Papilio machaon (Papilionidae).	Prunus sp. (cherry) (stock).	1					Ohio.*
Papilio podalirius (Papilionidae).	Prunus sp. (Mahaleb stock).	2					Iowa.*
Papilio sp. (Papilionidae)...	Prunus sp. (cherry) (stock)	1					Connecticut.*
Paratetranychus pilosus (European red mite).	Malus sylvestris (apple) (stock).	1					Do.*
Parlatoria pergandii (chaff scale).	Citrus limonia (lemon)...					1	Pennsylvania.
Do.....	Citrus sinensis (orange)...				1		Florida.*
Do.....	do.....					1	Oregon.
Do.....	do.....					1	Pennsylvania.
Parlatoria proteus (Coccidae).	Palm.....				1		Do.
Parlatoria ziziphus (Coccidae).	Citrus limonia (lemon)...					1	Do.
Do.....	Citrus sinensis (orange)...					2	Do.
Parlatoria sp. (Coccidae)...	do.....					1	Do.
Philoscia muscorum (isopod).	In soil around roots of primrose plants.			1			Massachusetts.
Phthorimaea operculella (potato tuber worm).	In stores on ship.....						Pennsylvania.
Phycitinae (Pyralidae).....	Juniperus sp. (fruit).....		1				District of Columbia.
Phytonomus sp. (Curculionidae).	In soil around roots of primrose plants.			1			Massachusetts.

List, by countries, of pests collected and reported from January 1 to December 31, 1928, inclusive—Continued

Country of origin and name of pest	Host	Number of interceptions in—					Collected in—
		Cargo	Mail	Baggage	Quarters	Stores	
FRANCE—Continued							
Insects—Continued.							
Plutella maculipennis (diamond-back moth).	Brassica oleracea capitata (cabbage).	-----	-----	-----	-----	1	Pennsylvania.
Do.....	Brassica rapa (turnip).....	-----	-----	-----	-----	1	Do.
Pyrilid.....	Juglans regia (English walnut).	-----	-----	-----	-----	1	Do.
Do.....	Juglans sp. (walnut).....	-----	-----	-----	-----	2	Do.
Do.....	Prunus sp. (Myrobalan stock).	1	-----	-----	-----	-----	New York.
Pyraustinae (Pyrilidae)....	In soil around roots of primrose plants).	-----	-----	1	-----	-----	Massachusetts.
Rhizoglyphus hyacinthi (bulb mite).	Hyacinthus sp. (Roman) (bulb).	1	-----	-----	-----	-----	Pennsylvania.
Do.....	Hyacinthus sp. (bulb).....	1	-----	-----	-----	-----	Do.
Rhizoglyphus phylloxerae (mite).	Lilium candidum (Madonna lily).	1	-----	-----	-----	-----	Do.
Rhizoglyphus sp. (mite)....	Allium cepa (onion).....	-----	-----	-----	-----	1	Do.
Do.....	Lilium sp. (lily) (bulb)....	1	-----	-----	-----	-----	New York.
Schendyla nemorensis (myriapod).	In soil around roots of primrose plants.	-----	-----	1	-----	-----	Massachusetts.
Sciara sp. (Mycetophilidae).	In soil adhering to nursery stock.	1	-----	-----	-----	-----	New York.
Do.....	Lilium sp. (lily) (bulb)....	1	-----	-----	-----	-----	Do.
Do.....	Solanum tuberosum (potato).	-----	-----	-----	-----	2	Pennsylvania.
Scolytid.....	Phoenix tenuis (seed).....	-----	1	-----	-----	-----	District of Columbia.
Syrphid.....	Lilium candidum (Madonna lily).	1	-----	-----	-----	-----	New York.
Tetranychus sp. (mite)....	Dianthus sp. (plant).....	1	-----	-----	-----	-----	District of Columbia.
Tortricid.....	Corylus avellana (filbert).	1	-----	-----	-----	-----	New York.
Diseases							
Actinomyces scabies.....	Solanum tuberosum (potato).	-----	-----	-----	-----	2	Florida.*
Do.....	do.....	-----	-----	-----	-----	1	Louisiana.
Do.....	do.....	-----	-----	-----	-----	1	Maryland.
Aspergillus niger.....	do.....	-----	-----	-----	-----	1	Pennsylvania.
Bacterium tumefaciens.....	Malus sylvestris (apple) (root stock).	1	-----	-----	-----	-----	North Carolina.*
Do.....	Malus sylvestris (apple) (stock).	2	-----	-----	-----	-----	Ohio.*
Do.....	Root stock.....	1	-----	-----	-----	-----	North Carolina.*
Caconema radicola.....	Gerbera jamesoni.....	-----	1	-----	-----	-----	District of Columbia.
Fusarium sp.....	Solanum tuberosum (potato).	-----	-----	-----	-----	1	Louisiana.
Do.....	do.....	-----	-----	-----	-----	2	Pennsylvania.
Leptostromataceae.....	Berberis brevipaniculata.	1	-----	-----	-----	-----	District of Columbia.
Leptothyrium pomi.....	Malus sylvestris (apple)....	-----	-----	-----	-----	1	Pennsylvania.
Pestalozzia guepini.....	Camellia sp.....	1	-----	-----	-----	-----	District of Columbia.
Puccinia alli.....	Allium porrum (leek).....	-----	-----	-----	-----	1	New York.
Rhizoctonia solani.....	Solanum tuberosum (potato).	-----	-----	-----	-----	1	Massachusetts.
Do.....	do.....	-----	-----	-----	-----	2	Pennsylvania.
Sclerotinia libertiana.....	Gerbera jamesoni.....	-----	1	-----	-----	-----	District of Columbia.
Spondylocadium atrovirens	Solanum tuberosum (potato).	-----	-----	-----	-----	2	Florida.*
Spongopora subterranea.....	do.....	-----	-----	-----	-----	1	Maryland.
Venturia inaequalis.....	Malus sylvestris (apple)....	1	-----	-----	-----	-----	California.*
Do.....	do.....	-----	-----	-----	-----	1	Pennsylvania.
GERMANY							
Insects:							
Achorutes armatus (Collembola).	Radicula armoracia (horse-radish).	1	-----	-----	-----	-----	Pennsylvania.
Acronycta sp. (Noctuidae)...	Rosa sp. (rose) (leaf).....	-----	-----	-----	1	-----	Do.
Agriolimax agrestis (Mollusca).	Brassica oleracea capitata (cabbage).	-----	-----	-----	-----	1	Louisiana.
Do.....	do.....	-----	-----	-----	-----	2	New York.
Agromyzid.....	Radicula armoracia (horse-radish).	1	-----	-----	-----	-----	Pennsylvania.
Anthomyiid.....	Narcissus sp.....	-----	1	-----	-----	-----	Do.
Do.....	Radicula armoracia (horse-radish).	1	-----	-----	-----	-----	Do.



*List, by countries, of pests collected and reported from January 1 to December 31, 1928, inclusive—Continued*

Country of origin and name of pest	Host	Number of interceptions in—					Collected in—
		Cargo	Mail	Baggage	Quarters	Stores	
GERMANY—Continued							
Insects—Continued.							
Anuraphis tulipae (aphid) ..	Iris sp. (bulb).....	-----	-----	1	-----	-----	New York.
Aphis sp. (aphid).....	Chrysanthemum sp. (bouquet).....	-----	-----	-----	1	-----	Pennsylvania.
Arion hortensis (Mollusca) ..	Chrysanthemum sp. ....	-----	-----	1	-----	-----	New York.
Do.....	In moss and soil packing around rose bushes.	-----	1	-----	-----	-----	Pennsylvania.
Blaniulus guttulatus (myriapod).	In soil around roots.....	-----	1	-----	-----	-----	Do.
Blastodacna sp. (Cosmopterygidae).	Malus sylvestris (apple).....	-----	1	-----	-----	-----	Do.
Callipterina (aphid).....	Corylus sp.....	1	-----	-----	-----	-----	District of Columbia.
Carpocapsa pomonella (codling moth).	Malus sylvestris (apple) ..	-----	3	-----	-----	-----	California.*
Do.....	do.....	-----	2	-----	-----	-----	Pennsylvania.
Do.....	Pyrus communis (pear).....	-----	-----	-----	1	-----	New York.
Do.....	do.....	-----	1	-----	-----	-----	Pennsylvania.
Cecidomyiid.....	Picea sp. (spruce) (cone) ..	-----	1	-----	-----	-----	Do.
Ceratozetes sp. (mite).....	In moss and soil packing around rose bushes.	-----	1	-----	-----	-----	Do.
Chrysomphalus dictyospermi (Coccidae).	Citrus sinensis (orange) ..	-----	1	-----	-----	-----	Michigan.
Coccinae (Coccidae).....	Chrysanthemum sp. (bouquet).....	-----	-----	-----	1	-----	Pennsylvania.
Cochlicopa lubrica (Mollusca).	In sphagnum moss packing around begonia bulbs.	-----	1	-----	-----	-----	Do.
Cyphostethus tristriatus (Pentatomidae).	In bag with juniper seed ..	-----	1	-----	-----	-----	District of Columbia.
Diaspis boisduvalii (Boisduval's scale).	Billbergia speciosa .....	-----	1	-----	-----	-----	Do.
Diaspis carueli (Coccidae).....	Juniperus sp. (fruit).....	-----	1	-----	-----	-----	Do.
Diaspis sp. (Coccidae).....	Billbergia rhodocyanea ..	-----	1	-----	-----	-----	Do.
Ephestia sp. (Pyralidae).....	Beta vulgaris (sugar beet) (seed) ..	1	-----	-----	-----	-----	California.*
Epipolaeus caliginosus (Curculionidae).	In soil around plants .....	-----	1	-----	-----	-----	Pennsylvania.
Eumerus sp. (Syrphidae).....	Allium cepa (onion).....	-----	-----	-----	-----	1	Do.
Do.....	Narcissus sp. (Golden Spur) (bulb).	-----	1	-----	-----	-----	Illinois.
Eurytoma sp. (Eurytomidae).	Dried rushes.....	-----	1	-----	-----	-----	New York.
Folsomia fimetaria (Collembola).	Apium graveolens rapaceum (celeriac).	-----	-----	-----	-----	1	Pennsylvania.
Gelechiid.....	Picea sp (spruce) (cone).....	-----	1	-----	-----	-----	Do.
Glischrochilus sp. (Nitidulidae).	Dahlia sp.....	-----	1	-----	-----	-----	New York.
Glyciphagus domesticus (mite).	Malus sylvestris (apple) ..	-----	1	-----	-----	-----	Pennsylvania.
Helicella caperata (Mollusca).	In soil around roots of plants.	-----	1	-----	-----	-----	Do.
Helix sp. (Mollusca).....	In sphagnum moss packing around begonia bulbs.	-----	1	-----	-----	-----	Do.
Hemichionaspis aspidistrae (aspidistra scale).	Aspidistra sp.....	-----	-----	-----	1	-----	New York.
Hepialus sp. (Hepialidae) ..	In soil around lily-of-the-valley pips.	-----	1	-----	-----	-----	Pennsylvania.
Histiostoma sp. (mite).....	Apium graveolens (celery). Radicula armoracia (horseradish).	-----	2	-----	-----	1	Do. Do.
Do.....	Do.....	-----	1	-----	-----	-----	Do.
Hygromia sericea (Mollusca).	In soil around roots of plants.	-----	1	-----	-----	-----	Do.
Hylecoetus dermestoides (Lymexylidae).	Inside gall formation in stem of spruce twig.	-----	-----	1	-----	-----	New York.
Hylemyia brassicae (cabbage maggot).	Brassica rapa (turnip).....	-----	-----	-----	-----	1	California.*
Hylemyia cilicrura (seed-corn maggot).	do.....	-----	-----	-----	-----	2	Pennsylvania.
Do.....	Radicula armoracia (horseradish).	2	-----	-----	-----	-----	New York.
Do.....	do.....	1	-----	-----	-----	-----	Pennsylvania.
Hylemyia sp. (Anthomyiidae).	Brassica rapa (turnip).....	-----	1	-----	-----	-----	New York.



List, by countries, of pests collected and reported from January 1 to December 31, 1928, inclusive—Continued

Country of origin and name of pest	Host	Number of interceptions in—					Collected in—
		Cargo	Mail	Baggage	Quarters	Stores	
GERMANY—Continued							
Insects—Continued.							
Hylemyia sp. (Anthomyiidae).	Radicula armoracia (horseradish).	1	-----	-----	-----	-----	New York.
Do.-----	do.-----	2	-----	-----	-----	-----	Pennsylvania.
Do.-----	In soil around plant.	-----	-----	1	-----	-----	New York.
Lasioderma sp. (Anobiidae).	In soil around lily-of-the-valley pips.	-----	1	-----	-----	-----	Pennsylvania.
Lasius niger (ant)-----	On roots of Prunus fruticosa pendula.	1	-----	-----	-----	-----	District of Columbia.
Lepidocyrtus sp. (Collembola).	In moss packing around shrub.	-----	1	-----	-----	-----	Pennsylvania.
Lepidosaphes ulmi (oyster-shell scale).	Malus sylvestris (apple)-----	-----	6	-----	-----	-----	California.*
Do.-----	do.-----	-----	1	-----	-----	-----	Michigan.
Do.-----	do.-----	-----	1	1	-----	-----	New York.
Do.-----	do.-----	-----	3	-----	-----	-----	Pennsylvania.
Do.-----	do.-----	-----	2	-----	-----	-----	Washington.
Do.-----	Pyrus communis (pear)-----	-----	1	-----	-----	-----	Michigan.
Ludius sp. (Elateridae)-----	Radicula armoracia (horseradish).	1	-----	-----	-----	-----	Pennsylvania.
Lygaeid.-----	In soil around lily-of-the-valley pips.	-----	1	-----	-----	-----	Do.
Macrocheles sp. (mite)-----	In moss and soil packing around rose bushes.	-----	1	-----	-----	-----	Do.
Monomorium pharaonis (Pharaoh's ant).	do.-----	-----	1	-----	-----	-----	Do.
Mycetophilid.-----	In moss packing around shrub.	-----	1	-----	-----	-----	Do.
Myzus persicariae (aphid)-----	Brassica oleracea capitata (cabbage).	-----	-----	-----	-----	1	Do.
Myzus persicae (green peach aphid).	Chrysanthemum sp. (bouquet).	-----	-----	-----	1	-----	Do.
Noctuid.-----	do.-----	-----	-----	-----	-----	1	New York.
Do.-----	Chrysanthemum sp. (bouquet).	-----	-----	-----	1	-----	Pennsylvania.
Oecophorid.-----	Corylus avellana (filbert) (nut).	-----	1	-----	-----	-----	District of Columbia.
Olethreutid.-----	In case with plant material	1	-----	-----	-----	-----	Do.
Do.-----	Waste bagging.	1	-----	-----	-----	-----	New York.
Porcellio rathkei (isopod)-----	Dahlia sp. (root).	-----	1	-----	-----	-----	Pennsylvania.
Pselaphus sp. (Pselaphidae).	In soil around plants.	-----	1	-----	-----	-----	Do.
Pyralid.-----	Allium sativum (garlic).	2	-----	-----	-----	-----	New York.
Pyramidula rotundata (Mollusca).	In sphagnum moss packing around begonia bulbs.	-----	1	-----	-----	-----	Pennsylvania.
Pyraustinae (Pyralidae)-----	In package with fruit cuttings.	-----	1	-----	-----	-----	District of Columbia.
Reticulitermes flavipes (termite).	In corn-meal dust and debris.	1	-----	-----	-----	-----	Louisiana.
Rhizoglyphus hyacinthi (bulb mite).	Allium porrum (leek).	-----	-----	-----	-----	1	South Carolina.
Rhizoglyphus sp. (mite)-----	Radicula armoracia (horseradish).	1	-----	-----	-----	-----	Pennsylvania.
Saissetia hemisphaerica (hemispherical scale).	Ricinus sp.-----	-----	-----	-----	1	-----	Massachusetts.
Sciara sp. (Mycetophilidae).	In soil around shrub.	-----	1	-----	-----	-----	Pennsylvania.
Scolytid.-----	Dunnage.	-----	1	-----	-----	-----	Washington.
Do.-----	In slats around peat meal.	-----	1	-----	-----	-----	Do.
Tachys sp. (Carabidae)-----	In soil around lily-of-the-valley pips.	-----	1	-----	-----	-----	Pennsylvania.
Tetranychid (mite)-----	Malus sylvestris (apple).	-----	2	-----	-----	-----	Do.
Thrips tabaci pulla (thrips).	Chrysanthemum sp. (bouquet).	-----	-----	-----	2	-----	Do.
Do.-----	Dianthus sp. (carnation) (bouquet).	-----	-----	-----	1	-----	Do.
Tomocerus vulgaris (Collembola).	In moss and soil packing around rose bushes.	-----	1	-----	-----	-----	Do.
Trichoniscus pusillus (isopod).	do.-----	-----	1	-----	-----	-----	Do.
Do.-----	In soil around roots of plants.	-----	1	-----	-----	-----	Do.
Do.-----	Mespilus germanica (medlar).	-----	-----	1	-----	-----	New York.

List, by countries, of pests collected and reported from January 1 to December 31, 1928, inclusive—Continued

Country of origin and name of pest	Host	Number of interceptions in—					Collected in—
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GERMANY—Continued							
Insects—Continued.							
<i>Tritogenaphis sonchii</i> (aphid).	Rose leaf from a bouquet.	-----	-----	-----	1	-----	Pennsylvania.
<i>Trogoderma</i> sp. (Dermestidae).	<i>Allium sativum</i> (garlic).	1	-----	-----	-----	-----	New York.
<i>Typhlocyba rosae</i> (Cicadellidae).	<i>Rosa</i> sp. (rose) (leaf in bouquet).	-----	-----	-----	1	-----	Pennsylvania.
Diseases:							
<i>Actinomyces scabies</i> .	<i>Solanum tuberosum</i> (potato).	-----	-----	-----	-----	1	California.*
Do.	do.	-----	-----	-----	-----	16	Florida.*
Do.	do.	-----	-----	-----	-----	1	Louisiana.
Do.	do.	1	-----	-----	-----	-----	Maryland.
Do.	do.	-----	1	-----	-----	-----	Massachusetts.
Do.	do.	-----	1	-----	-----	-----	New York.
Do.	do.	-----	-----	-----	-----	1	Pennsylvania.
Do.	do.	-----	-----	-----	-----	5	South Carolina.
Do.	do.	-----	-----	-----	-----	-----	Washington.
<i>Cephalothecium roseum</i> .	<i>Malus sylvestris</i> (apple).	-----	-----	1	-----	-----	New York.
Do.	<i>Solanum tuberosum</i> (potato).	-----	-----	-----	-----	1	Florida.*
<i>Fusarium oxysporum</i> .	do.	-----	-----	-----	-----	1	Do.*
<i>Fusarium</i> sp.	<i>Begonia</i> sp. (bulb).	-----	1	-----	-----	-----	Pennsylvania.
Do.	Bulb.	-----	1	-----	-----	-----	Florida.*
Do.	<i>Solanum tuberosum</i> (potato).	-----	-----	-----	-----	9	Do.*
Do.	do.	-----	-----	-----	-----	1	Louisiana.
<i>Heterosporium echinulatum</i>	<i>Dianthus</i> sp. (carnation).	-----	-----	-----	1	-----	Pennsylvania.
<i>Oospora pustulans</i> .	<i>Solanum tuberosum</i> (potato).	-----	-----	-----	-----	3	Do.
<i>Penicillium</i> sp.	<i>Malus sylvestris</i> (apple).	-----	-----	1	-----	-----	New York.
Do.	<i>Solanum tuberosum</i> (potato).	-----	-----	-----	-----	1	Florida.*
<i>Rhizoctonia solani</i> .	do.	-----	-----	-----	-----	1	Louisiana.
Do.	do.	-----	-----	-----	-----	1	Massachusetts.
Do.	do.	-----	-----	-----	-----	1	Pennsylvania.
Do.	do.	-----	-----	-----	-----	5	South Carolina.
<i>Rhizopus nigricans</i> .	<i>Radicula armoracia</i> (horseradish).	1	-----	-----	-----	-----	Pennsylvania.
<i>Sclerotinia cinerea</i> .	<i>Malus sylvestris</i> (apple).	-----	1	-----	-----	-----	Michigan.
<i>Sphaceloma rosarum</i> .	<i>Rosa</i> sp. (rose) (leaf).	-----	-----	-----	1	-----	Pennsylvania.
Do.	<i>Rosa</i> sp. (rose) (stem).	-----	-----	-----	1	-----	Do.
<i>Spondylocidium atrovirens</i>	<i>Solanum tuberosum</i> (potato).	-----	-----	-----	-----	15	Florida.*
<i>Spongospora subterranea</i> .	do.	-----	-----	-----	-----	1	South Carolina.
Do.	do.	-----	-----	-----	-----	1	Washington.
<i>Venturia inaequalis</i> .	<i>Malus sylvestris</i> (apple).	-----	6	-----	-----	1	California.*
Do.	do.	-----	2	-----	-----	-----	Michigan.
Do.	do.	-----	1	1	-----	1	New York.
Do.	do.	-----	7	-----	-----	-----	Pennsylvania.
Do.	do.	-----	3	-----	-----	-----	Washington.
GOLD COAST							
Insects:							
<i>Lepidosaphes beckii</i> (purple scale).	<i>Citrus sinensis</i> (orange).	-----	-----	-----	1	-----	Pennsylvania.
GRAND CAYMAN							
Insects:							
<i>Lepidosaphes beckii</i> (purple scale).	<i>Citrus grandis</i> (shaddock).	-----	-----	1	-----	-----	Florida.*
GREAT BRITAIN							
Insects:							
<i>Eupteryx stachydearum</i> (Cicadellidae).	<i>Salvia</i> sp. (sage) (green leaf).	-----	1	-----	-----	-----	Pennsylvania.
<i>Myzus</i> sp. (aphid).	do.	-----	1	-----	-----	-----	Do.
GREECE							
Insects:							
<i>Carpoglyphus passularum</i> (mite).	<i>Ficus</i> sp. (fig) (dry).	1	-----	-----	-----	-----	New York.
<i>Ceratitis capitata</i> (Mediterranean fruit fly).	<i>Pyrus communis</i> (pear).	-----	-----	1	-----	-----	Rhode Island.

List, by countries, of pests collected and reported from January 1 to December 31, 1928, inclusive—Continued

Country of origin and name of pest	Host	Number of interceptions in—					Collected in—
		Cargo	Mail	Baggage	Quarters	Stores	
GREECE—Continued							
Insects—Continued.							
Chrysomphalus aurantii (California red scale).	Citrus sinensis (orange)-----	1	1				Massachusetts.
Dacus oleae (olive fly)-----	Olea europaea (olive) (ripe salted).	1					Pennsylvania.
Diaspis carueli (Coccidae)-----	Cupressus sempervirens (Italian cypress).	1					New York.
Ephestia sp. (Pyralidae)-----	Ficus sp. (fig)-----	1	1				Pennsylvania.
Do-----	Ribes sp. (currant)-----	1					California.*
Ortalid-----	In soil around roots of camellia plants.			1			Rhode Island.
Pyralid-----	Ficus sp. (fig)-----	1					New York.
Do-----	Raisin-----	1	1				Pennsylvania.
Sitophilus sp. (Curculionidae).	Quercus sp. (valonia)-----	1					New York.
Trypetid-----	Cydonia oblonga (quince)-----			1			Rhode Island.
GUAM							
Insects:							
Ereunetis sp. (Tineidae)-----	Cocos nucifera (coco nut)-----	1					California.*
Lepidosaphes beckii (purple scale).	Citrus limonia (lemon)-----					1	Do.*
GUATEMALA							
Insects:							
Alegoria dilatata (Tenebrionidae).	Banana debris-----	1					Pennsylvania.
Aphodius sp. (Scarabaeidae).	In soil around shrubbery cutting.			1			Louisiana.
Ataenius scutellaris (Scarabaeidae).	do-----			1			Do.
Calobata sp. (Micropezidae).	Musa sp. (banana)-----	1					Do.
Camponotus abdominalis stercorarius (ant).	Banana debris-----	1					Pennsylvania.
Do-----	Musa sp. (banana)-----	1					Louisiana.
Camponotus abdominalis var. (ant).	do-----	1					Do.
Camponotus sp. (ant)-----	Banana debris-----	2					Pennsylvania.
Do-----	Musa sp. (banana)-----	2					Louisiana.
Capaneus odiosus (Coridae).	Banana debris-----	1					Do.
Cecidomyiid-----	Mangifera indica (mango)-----				1		Pennsylvania.
Ceramidia butleri (Synptomidae).	Musa sp. (banana)-----	1					Louisiana.
Chelymophra comata smithi (Chrysomelidae).	do-----	1					Do.
Chironomid-----	Ananas sativus (pine-apple).				1		Pennsylvania.
Coccus sp. (Coccidae)-----	Cocos nucifera (coconut) (twig).					1	Do.
Diatraea sp. (Pyralidae)-----	Saccharum officinarum (sugarcane).				1		Do.
Emporjus concinnulus (Silvanidae).	Musa sp. (banana) (leaf)-----	1					New York.
Hemichionaspis minor strachani (Coccidae).	Cocos nucifera (coconut) (twig).					1	Pennsylvania.
Lepidosaphes beckii (purple scale).	Citrus sinensis (orange)-----				2		California.*
Lepidosaphes gloverii (Glover's scale).	do-----				1		Do.*
Leptotrichus sp. (isopod)	In soil-----			1			Louisiana.
Monomorium pharaonis (Pharaoh's ant).	Chayota edulis (chayote) (fruit).	1					District of Columbia.
Neoponera unidentata (ant).	Banana debris-----	2					Pennsylvania.
Do-----	Musa sp. (banana)-----	1					Louisiana.
Neoponera villosa (ant)-----	Banana debris-----	1					Pennsylvania.
Paratenetus tibialis (Tenebrionidae).	do-----	1					Do.
Pheidole sp. (ant)-----	do-----	1					Do.
Pseudaonidia articulatus (rufous scale).	Citrus grandis (grapefruit).	1					New York.
Pseudococcus citri (citrus mealy bug).	Chayota edulis (chayote) (fruit).	1					District of Columbia.



List, by countries, of pests collected and reported from January 1 to December 31, 1928, inclusive—Continued

Country of origin and name of pest	Host	Number of interceptions in—					Collected in—
		Cargo	Mail	Baggage	Quarters	Stores	
GUATEMALA—Continued							
Insects—Continued.							
Psychid.....	Musa sp. (banana).....	1					Louisiana.
Pyraustinae (Pyralidae).....	In assortment of seeds.....			1			Do.
Saissetia oleae (black scale).....	Unidentified plant.....		1				District of Columbia
Telephanus agilis (Cucujidae).....	Banana debris.....	1					Pennsylvania.
Temnochilid.....	Lignum-vitae (log).....	1					California.*
Tineid.....	Carica papaya (papaya).....					1	New York.
Diseases:							
Cephalothecium roseum.....	Musa sp. (banana) (leaf).....	1					Do.
HAITI							
Insects:							
Anastrepha fraterculus (West Indian fruit fly).....	Mangifera indica (mango).....			1			New York.
Anastrepha sp. (Trypetidae).....	do.....			2			Do.
Anisobasis sp. (earwig).....	Among citrus leaves.....				1		Pennsylvania.
Cylas formicarius (sweet-potato weevil).....	Ipomoea batatas (sweet-potato).....					1	Do.
Diaspis boisduvalii (Boisduval's scale).....	Cocos nucifera (coconut).....				1		Florida.*
Diatraea saccharalis (sugarcane borer).....	Saccharum officinarum (sugarcane).....					1	Do.*
Hemichionaspis minor (Coccidae).....	Cocos nucifera (coconut).....					1	Do.*
Lepidosaphes beekii (purple scale).....	Citrus aurantifolia (lime).....					1	Do.*
Do.....	Citrus limonia (lemon).....				1		Pennsylvania.
Do.....	Citrus sinensis (orange).....				2		Do.
Lyctus sp. (Lyctidae).....	Hardwood poles.....				1		Do.
Maruca testulalis (bean pod borer).....	Green bean.....					1	Porto Rico.
Pseudococcus brevipes (pineapple mealybug).....	Ananas sativus (pine-apple).....	1					New York.
Pyroderces sp. (Cosmopterigidae).....	Mangifera indica (mango).....			1			Do.
Targionia bromeliae (Coccidae).....	Ananas sativus (pine-apple) (sucker).....		1				District of Columbia
Diseases:							
Colletotrichum falcatum.....	Saccharum officinarum (sugarcane).....					1	Florida.*
Rhizopus nigricans.....	Ipomoea batatas (sweet-potato).....					1	Pennsylvania.
HAWAII							
Insects:							
Agnostochthona alleniger (thrips).....	Saccharum officinarum (sugarcane).....					1	Washington.
Aspidiotus cocotiphagus (Coccidae).....	Cocos nucifera (coconut).....	1	2	1			California.
Aspidiotus cyanophylli (Coccidae).....	do.....	2	17	2			Do.*
Aspidiotus lataniae (Coccidae).....	do.....	2	51	10			Do.*
Aspidiotus sp. (Coccidae).....	Cycas revoluta (sago cycas).....	1					Do.*
Asterolecanium sp. (Coccidae).....	Undetermined plant.....			1			Do.*
Bactrocera cucurbitae (melon fly).....	Cucumis sativus (cucumber).....			1	1	5	Do.*
Do.....	Phaseolus sp. (string bean).....					3	Do.*
Bruchid.....	Bead leis.....			1			Do.*
Do.....	Cajanus indicus (pigeon pea).....		1				Do.*
Do.....	Legume (seed).....			1			Do.*
Do.....	Legume.....		1				Do.*
Bruchus pruininus (Bruchidae).....	do.....	1					Do.*
Bruchus sp. (Bruchidae).....	Algaroba (pod).....			1			Do.*
Do.....	Cascara (pod).....			1			Do.*
Do.....	Cassia fistula (seed).....		1				Do.*
Do.....	Erythrina monosperma (wiliwili) (seed).....			1			Do.*
Do.....	Prosopis sp. (mesquite bean).....			1			Do.*



List, by countries, of pests collected and reported from January 1 to December 31, 1928, inclusive—Continued

Country of origin and name of pest	Host	Number of interceptions in—					Collected in—
		Cargo	Mail	Baggage	Quarters	Stores	
HAWAII—Continued							
Insects—Continued.							
<i>Ceratitis capitata</i> (Mediterranean fruit fly).	<i>Carica papaya</i> (papaya)---			1			California.*
Do-----	<i>Coffea</i> sp. (coffee) (berry)-----			1			Do.*
Do-----	<i>Mangifera indica</i> (mango)-----			3			Do.*
<i>Chelisoches morio</i> (earwig).	<i>Musa</i> sp. (banana)-----	1					Do.*
<i>Chrysomphalus aonidium</i> (Florida red scale).	<i>Cocos nucifer</i> (coconut)---	16	86	56			Do.*
Do-----	<i>Musa</i> sp. (banana)-----	4					Do.*
Do-----	<i>Strelitzia</i> sp. (bird-of-paradise flower).			1			Do.*
<i>Chrysomphalus aurantii</i> (California red scale).	<i>Areca catechu</i> (betel palm) (leaf).	2					Do.*
Do-----	<i>Piper betel</i> (leaf)-----	1					Do.*
<i>Chrysomphalus dictyospermi</i> (Coccidae).	<i>Persea americana</i> (avocado) (budwood).		1				Do.*
<i>Coccus elongatus</i> (Coccidae).	<i>Areca catechu</i> (betel palm) (leaf).	2					Do.*
Do-----	<i>Areca catechu</i> (betel palm) (leaf).	1					Do.*
Do-----	<i>Codiaeum</i> sp. (croton) (plant).				1		Do.*
Do-----	<i>Hibiscus</i> sp. (cutting)-----			3			Do.*
Do-----	<i>Hibiscus</i> sp.-----		5	2			Do.*
<i>Coccus hesperidum</i> (soft brown scale).	<i>Hibiscus</i> sp. (cutting)-----			1			Do.*
<i>Coptotermes formosanus</i> (termite).	Nesting in wood-----				1		Do.*
<i>Diaspis boisduvalii</i> (Boisduval's scale).	<i>Cereus</i> sp-----		1				Do.*
<i>Diaspis bromeliae</i> (Coccidae).	<i>Ananas sativus</i> (pineapple).	68	1	41	1	1	Do.*
<i>Diocalandra taitensis</i> (Curculionidae).	<i>Cocos nucifera</i> (coconut)---		6				Do.*
<i>Ephestia</i> sp. (Pyralidae)---	Tree seed-----	1					Do.*
<i>Ereunetis flavistriata</i> (sugarcane bud moth).	<i>Ananas sativus</i> (pineapple).	5			1		Do.*
Do-----	<i>Cocos nucifera</i> (coconut)---	4	81	12			Do.*
<i>Hemichionaspis minor</i> (Coccidae).	do-----	6	101	42			Do.*
Do-----	<i>Hibiscus</i> sp-----		1				Do.*
Do-----	<i>Musa</i> sp. (banana)-----	2					Do.*
<i>Howardia biclavus</i> (mining scale).	<i>Allamanda</i> sp-----		1				Do.*
Do-----	<i>Hibiscus</i> sp. (cutting)-----			2			Do.*
Do-----	<i>Hibiscus</i> sp-----		6	3			Do.*
Do-----	<i>Mammea americana</i> (mamey).			1			Do.*
<i>Lepidosaphes auriculata</i> (Coccidae).	<i>Codiaeum</i> sp. (croton) (plant).				1		Do.*
Do-----	<i>Codiaeum</i> sp. (croton)-----		1				Do.*
<i>Lepidosaphes beckii</i> (purple scale).	<i>Codiaeum</i> sp. (croton) (plant).				1		Do.*
Do-----	<i>Codiaeum</i> sp. (croton)-----		1	3			Do.*
<i>Pachymerus gonager</i> (Bruchidae).	<i>Cascara</i> (pod)-----		1	3			Do.*
Do-----	<i>Cassia fistula</i> (golden-shower) (seed).				2		Do.*
Do-----	<i>Cassia grandis</i> (pink-shower).		1				Do.*
Do-----	<i>Cassia</i> sp. (seed)-----		1	1			Do.*
Do-----	Legume (seed)-----			1			Do.*
Do-----	<i>Poinciana regia</i> (royal poinciana) (seed pod).			1			Do.*
Do-----	<i>Poinciana regia</i> (royal poinciana).		1	1			Do.*
<i>Pectinophora gossypiella</i> (pink bollworm).	<i>Gossypium</i> sp. (cotton) (boll).			2			Do.*
Do-----	<i>Gossypium</i> sp. (cotton) (raw).			1			Do.*
Do-----	<i>Gossypium</i> sp. (cotton)---			2			Do.*
<i>Pheldole megacephala</i> (ant).	<i>Ananas sativus</i> (pineapple).	7		2			Do.*

List, by countries, of pests collected and reported from January 1 to December 31, 1928, inclusive—Continued

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HAWAII—Continued							
Insects—Continued.							
Phaidole megacephala (ant.)	Areca catechu (betel palm) (leaf).	2	-----	-----	-----	-----	California.*
Do.	Musa sp. (banana).....	1	-----	-----	-----	-----	Do.*
Do.	Piper betel (leaf).....	1	-----	-----	-----	-----	Do.*
Phenacaspis sp. (Coccidae).	Cocos nucifera (coconut).....	2	34	5	-----	-----	Do.*
Prenolepis sp. (ant.).....	Cereus sp.....	-----	-----	1	-----	-----	Do.*
Do.	Cocos nucifera (coconut).....	1	14	1	-----	-----	Do.*
Pseudaonidia clavigera (Coccidae).	Hibiscus sp. (cutting).....	-----	2	1	-----	-----	Do.*
Do.	Hibiscus sp.....	-----	3	-----	-----	-----	Do.*
Pseudococcus brevipes (pineapple mealybug).	Ananas sativus (pineapple).	70	1	39	1	1	Do.*
Pseudococcus citri (citrus mealybug).	Codiaeum sp. (croton).....	-----	1	-----	-----	-----	Do.*
Pseudococcus nipae (coconut mealybug).	Palm.....	-----	-----	1	-----	-----	Do.*
Pseudococcus virgatus (Coccidae).	Areca catechu (betel palm) (leaf).	1	-----	-----	-----	-----	Do.*
Do.	Areca catechu (betel palm) (leaf).	1	-----	-----	-----	-----	Do.*
Do.	Piper betel (leaf).....	1	-----	-----	-----	-----	Do.*
Pseudococcus sp. (Coccidae).	Codiaeum sp. (croton).....	-----	-----	1	-----	-----	Do.*
Do.	Ixora sp.....	-----	-----	1	-----	-----	Do.*
Rhyncolus longulus (Curculionidae).	Musa sp. (banana).....	1	-----	-----	-----	-----	Do.*
Ripersia palmarum (Coccidae).	Cocos nucifera (coconut).....	1	89	31	-----	-----	Do.*
Saissetia hemisphaerica (hemispherical scale).	Cycas revoluta (sago cycas).	1	-----	-----	-----	-----	Do.*
Saissetia nigra (Coccidae).....	Areca catechu (betel palm) (leaf).	2	-----	-----	-----	-----	Do.*
Do.	Areca catechu (betel palm) (leaf).	2	-----	-----	-----	-----	Do.*
Do.	Crysanthemum sp.....	1	-----	-----	-----	-----	Do.*
Do.	Hibiscus sp. (cutting).....	-----	1	2	1	-----	Do.*
Do.	Hibiscus sp.....	-----	1	2	-----	-----	Do.*
Do.	Piper betel (leaf).....	1	-----	-----	-----	-----	Do.*
Do.	Poinsettia pulcherrima (poinsettia) (spray).	-----	-----	1	-----	-----	Do.*
Saissetia oleae (black scale).	Air plant.....	-----	-----	1	-----	-----	Do.*
Sternonchetus mangiferae (mango weevil).	Mangifera indica (mango) (seed).	-----	-----	3	-----	-----	Do.*
Trionymus sp. (Coccidae).....	Saccharum officinarum (sugarcane).	-----	-----	-----	1	-----	Washington.
Trypetid.....	Lycopersicum esculentum (tomato).	-----	-----	-----	4	-----	California.*
Do.	Phaseolus sp. (string bean)	-----	-----	-----	1	-----	Do.*
Diseases:							
Penicillium sp.....	Ipomoea batatas (sweet-potato).	-----	-----	-----	-----	1	Oregon.
HONDURAS							
Insects:							
Alegoria dilatata (Tenebrionidae).	Musa sp. (banana).....	1	-----	-----	-----	-----	Louisiana.
Anastrepha sp. (Trypetidae).	Mangifera indica (mango).....	-----	-----	-----	1	-----	Do.
Asterolecanium sp. (Coccidae).	Corozo nut and twig.....	1	-----	*	-----	-----	Pennsylvania.
Athrostictus sericatus (Carabidae).	Musa sp. (banana).....	1	-----	-----	-----	-----	Louisiana.
Azteca sp. (ant).....	do.....	1	-----	-----	-----	-----	New York.
Camponotus abdominalis stercorarius (ant).	Banana debris.....	1	-----	-----	-----	-----	Louisiana.
Do.	Musa sp. (banana).....	1	-----	-----	-----	-----	Do.
Do.	do.....	1	-----	-----	-----	-----	South Carolina.
Camponotus abdominalis var. (ant).	Banana debris.....	1	-----	-----	-----	-----	Louisiana.
Camponotus formiciformis (ant).	Musa sp. (banana) (foliage).	1	-----	-----	-----	-----	South Carolina.
Do.	Musa sp. (banana).....	1	-----	-----	-----	-----	Louisiana.
Camponotus rectangularis (ant).	do.....	1	-----	-----	-----	-----	Do.
Camponotus spp. (ant).....	do.....	1	-----	-----	-----	-----	Do.
Camponotus sp. (ant).....	Banana debris.....	2	-----	-----	-----	-----	Do.

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		Cargo	Mail	Baggage	Quarters	Stores	
HONDURAS—Continued							
Insects—Continued.							
Camponotus sp. (ant).....	In hold of ship after cargo of bananas had been discharged.	-----	-----	-----	-----	-----	South Carolina.
Do.....	Musa sp. (banana) (foliage).	1	-----	-----	-----	-----	Do.
Do.....	Musa sp. (banana).....	7	-----	-----	-----	-----	Louisiana.
Capaneus tetricus (Coreidae).	Banana débris.....	1	-----	-----	-----	-----	Do.
Conocephalus saltator (Tetrigoniidae).	Musa sp. (banana).....	1	-----	-----	-----	-----	Do.
Crematogaster brevispinosa var. (ant).	do.....	1	-----	-----	-----	-----	Do.
Do.....	do.....	1	-----	-----	-----	-----	South Carolina.
Diaspis boisduvalii (Boisduval's scale).	Corozo nut and twig.....	1	-----	-----	-----	-----	Pennsylvania.
Echocerus curvicornis (Tenebrionidae).	Musa sp. (banana).....	1	-----	-----	-----	-----	Louisiana.
Hapalips fuscus (Erotylidae).	do.....	1	-----	-----	-----	-----	Do.
Hapalips sp. (Erotylidae).	do.....	1	-----	-----	-----	-----	Do.
Haptoncus luteolus (Nitidulidae).	Banana débris.....	1	-----	-----	-----	-----	Do.
Heilipus sp. (Curculionidae).	Persea americana (avocado).	-----	-----	-----	1	-----	Do.
Isohrinus undatus (Curculionidae).	Musa sp. (banana).....	1	-----	-----	-----	-----	Do.
Labia arcuata (earwig).	do.....	1	-----	-----	-----	-----	Do.
Lepidosaphes beekii (purple scale).	Citrus grandis (grapefruit).	-----	-----	-----	-----	1	Do.
Do.....	do.....	-----	-----	-----	2	-----	Pennsylvania.
Do.....	Citrus sinensis (orange).	-----	-----	-----	2	-----	Do.
Metamasius sericeus (silky cane weevil).	Banana débris.....	1	-----	-----	-----	-----	Louisiana.
Do.....	Musa sp. (banana).....	1	-----	-----	-----	-----	Alabama.
Do.....	do.....	2	-----	-----	-----	-----	Louisiana.
Microcerotermes sp. (termite).	do.....	1	-----	-----	-----	-----	Do.
Monomorium carbonarium ebeninum (ant).	Ananas sativus (pineapple).	1	-----	-----	-----	-----	Do.
Monomorium minimum (ant).	Musa sp. (banana).....	1	-----	-----	-----	-----	Do.
Neoponera unidentata (ant).	do.....	3	-----	-----	-----	-----	Do.
Neoponera villosa (ant)....	Banana débris.....	1	-----	-----	-----	-----	Do.
Do.....	Musa sp. (banana).....	3	-----	-----	-----	-----	Do.
Noctuid.....	do.....	1	-----	-----	-----	-----	Do.
Pentatomid.....	do.....	1	-----	-----	-----	-----	Do.
Phalantha intricata (Endomychidae).	Banana débris.....	1	-----	-----	-----	-----	Do.
Pheidole anastasioi (ant)....	Musa sp. (banana) (foliage).	1	-----	-----	-----	-----	South Carolina.
Pheidole sp. (ant).....	Musa sp. (banana) (fiber).	1	-----	-----	-----	-----	Do.
Do.....	Musa sp. (banana) (foliage).	1	-----	-----	-----	-----	Do.
Prenolepis longicornis (crazy ant).	Musa sp. (banana).....	1	-----	-----	-----	-----	Do.
Pseudococcus brevipes (pineapple mealybug).	Ananas sativus (pineapple).	1	-----	-----	-----	-----	Florida.*
Do.....	do.....	1	-----	-----	-----	-----	Louisiana.
Do.....	Musa sp. (banana).....	1	-----	-----	-----	-----	Do.
Psychid.....	Banana débris.....	1	-----	-----	-----	-----	Do.
Do.....	Musa sp. (banana).....	4	-----	-----	-----	-----	Do.
Pyralinae (Pyralidae).....	do.....	1	-----	-----	-----	-----	Do.
Sacium sp. (Orthoperidae).	Musa sp. (banana) (leaf)...	1	-----	-----	-----	-----	Do.
Solenopsis sp. (ant).....	Musa sp. (banana).....	1	-----	-----	-----	-----	Do.
Stenoma sp. (Stenomidae)...	Annona muricata (soursop).	-----	-----	1	-----	-----	Do.
Do.....	Persea americana (avocado).	-----	-----	-----	1	-----	Do.
Telephanus agilis (Cucujidae).	Banana débris.....	1	-----	-----	-----	-----	Do.
Do.....	Musa sp. (banana) (leaf)...	1	-----	-----	-----	-----	Do.
Do.....	Musa sp. (banana).....	1	-----	-----	-----	-----	Do.
Telephanus sp. (Cucujidae).	Banana débris.....	1	-----	-----	-----	-----	Do.



List, by countries, of pests collected and reported from January 1 to December 31, 1928, inclusive—Continued

Country of origin and name of pest	Host	Number of interceptions in—					Collected in—
		Cargo	Mail	Baggage	Quarters	Stores	
HONDURAS—Continued							
Diseases:							
Aspergillus sp.-----	Citrus aurantifolia (lime)-----	1					Louisiana.
Diplodia epicocos-----	Cocos nucifera (coconut)-----			1			Florida.*
INDIA							
Insects:							
Aspidiotus hederæ (ivy scale).-----	Citrus aurantifolia (lime)-----					1	Pennsylvania.
Chrysomphalus aurantii (California red scale).-----	Citrus grandis (grapefruit)-----					1	Do.
Curculionid-----	Eugenia sp. (seed)-----		1				District of Columbia.
Iridomyrmex sp. (ant)-----	In package with Ephedra seed.-----		1				Do.
Laemophloeus sp. (Cucujidae).-----	Allium sativum (garlic)-----					1	Pennsylvania.
Lepidosaphes beckii (purple scale).-----	Citrus aurantifolia (lime)-----					1	Do.
Lepidosaphes lasianthi (Coccidae).-----	Codiaeum sp. (croton)-----				1		Florida.*
Melanotus sp. (Elateridae).-----	In soil around croton roots.-----				1		Pennsylvania.
Pectinophora gossypiella (pink bollworm).-----	Gossypium sp. (cotton) (seed and bolls).-----		1				District of Columbia.
Phenacaspis sp. (Coccidae).-----	Palm-----				1		Pennsylvania.
Phthorimæa operculella (potato tuber worm).-----	Solanum tuberosum (potato).-----					1	New York.
Do-----	do-----					1	Pennsylvania.
Plutella maculipennis (diamond-back moth).-----	Brassica rapa (turnip) (top).-----					1	Do.
Pseudococcus virgatus (Coccidae).-----	Psidium guajava (guava).-----		1				District of Columbia.
Rhizoglyphus sp. (mite)-----	Nerine flexuosa alba (bulb).-----		1				Do.
Solenopsis geminata rufa (ant).-----	Satin wood logs-----	2					Massachusetts.
Strumigenys godeffroyi (ant).-----	In soil around croton roots-----				1		Pennsylvania.
Trypetid-----	Citrus nobilis deliciosa (Mandarin).-----					1	Do.
Diseases:							
Aspergillus niger-----	Allium sativum (garlic)-----					1	Do.
IRAQ							
Insects:							
Pyralid-----	Phoenix dactylifera (date).-----	1					Pennsylvania.
IRELAND							
Insects:							
Calliceras sp. (Calliceridae).-----	Sphagnum moss packing..-----	1					Pennsylvania.
Cantharis sp. (Cantharidae).-----	do-----	1					Do.
Chironomid-----	In soil around shamrocks-----		1				Do.
Emphytus cinctus (sawfly).-----	Rosa sp. (Manetti stock)-----	1					Maryland.*
Empria sp. (sawfly)-----	do-----	2					Pennsylvania.
Helodid-----	Sphagnum moss packing..-----	1					Do.
Hydrachnid (mite)-----	do-----	1					Do.
Hypochothonius sp. (mite)-----	do-----	1					Do.
Myrmica brevinodis (ant)-----	Moss packing-----	1					Do.
Do-----	Sphagnum moss packing-----	1					Do.
Myzaphis sp. (aphid)-----	Rosa sp. (rose) (plant)-----	1					District of Columbia.
Olethreutid-----	Among unknown herbaceous cuttings.-----		1				Pennsylvania.
Pyraustinae (Pyralidae)-----	Sphagnum moss packing-----	1					Do.
Syrphid-----	do-----	1					Do.
Tipula sp. (Tipulidae)-----	In soil-----			1			New York.
Tipulid-----	In soil around shamrocks-----		2				Do.
Tomocerus sp. (Collembola).-----	Sphagnum moss packing-----	1					Pennsylvania.
Diseases:							
Actinomyces scabies-----	Solanum tuberosum (potato).-----			1			Massachusetts.
Do-----	do-----		1				Pennsylvania.
Fusarium sp.-----	do-----			1			Massachusetts.
Do-----	do-----					1	Pennsylvania.



List, by countries, of pests collected and reported from January 1 to December 31, 1928, inclusive—Continued

Country of origin and name of pest	Host	Number of interceptions in—					Collected in—
		Cargo	Mail	Baggage	Quarters	Stores	
ITALY							
Insects:							
Agromyzid .....	Unknown cane .....	1	1				Pennsylvania.
Anobiid .....	Locust (tree pod) .....	1					Do.
Anthrenus sp. (Dermestidae) .....	Dried fruit .....	1					New York.
Apion carduorum (Curculionidae) .....	Cynara scolymus (globe artichoke) .....	2					Do.
Aspidiotus hederæ (ivy scale) .....	Citrus aurantifolia (lime) .....	1					Do.
Do .....	Citrus limetta (sweet lime) .....	1					Do.
Do .....	do .....	1					Pennsylvania.
Do .....	Citrus limonia (lemon) .....				20		California.*
Do .....	do .....	1			4		Florida.*
Do .....	do .....	8			1		Louisiana.
Do .....	do .....				2		Maryland.
Do .....	do .....	1	1		1		Massachusetts.
Do .....	do .....	5					Michigan.
Do .....	do .....	6					New York.
Do .....	do .....				1		Oregon.
Do .....	do .....	3	2		22		Pennsylvania.
Do .....	do .....				2		Washington.
Do .....	Citrus medica (citron) .....	1					Pennsylvania.
Do .....	Jasminum sp. (jasmine) .....			1			New York.
Do .....	Palm .....				3		Pennsylvania.
Aspidiotus lataniae (Coccidae) .....	Eriobotrya japonica (loquat) .....			1			New York.
Do .....	Vitis sp. (grape) (stem) .....	1					Do.
Aspidiotus sp. (Coccidae) .....	Citrus sinensis (orange) .....			1			California.*
Athous sp. (Elateridae) .....	In soil around aspidistra plant .....		1				Pennsylvania.
Aulacaspis pentagona (West Indian peach scale) .....	Unknown vine .....		1				Do.
Aulacaspis rosae (rose scale) .....	Rosa sp. (rose) (plant) .....		3				Do.
Do .....	do .....	1	1	1			New York.
Balaninus sp. (Curculionidae) .....	Castanea sp. (chestnut) .....	1					California.*
Do .....	do .....	3					Florida.*
Do .....	do .....	38					New York.
Do .....	do .....	2					Pennsylvania.
Do .....	do .....		1				Texas.
Do .....	Castanea sp. (chestnut) (green) .....	2					Massachusetts.
Do .....	Castanea sp. (chestnut) (in shell) .....	2					Do.
Do .....	Corylus avellana (filbert) .....	2					Pennsylvania.
Do .....	Juglans sp. (walnut) .....		1				Do.
Do .....	On deck of ship .....		1				New York.
Do .....	Quercus sp. (valonia) .....	1					Do.
Do .....	Quercus sp. (acorn) .....	1					Do.
Brachycerus albidentatus (Brachyceridae) .....	Allium sativum (garlic) .....	2					Do.
Brachycerus sp. (Brachyceridae) .....	do .....	1					Do.
Bruchus sp. (Bruchidae) .....	Lens esculenta (lentil) .....		1				Do.
Do .....	Vicia faba (horse bean) .....		1				Missouri.
Buprestid .....	Unknown cane .....		1				Pennsylvania.
Callirhytis sp. (Cynipidae) .....	Quercus sp. (valonia) .....	1					New York.
Cameraria sp. (Gracilariidae) .....	Olea europaea (olive) (green leaf) .....		1				Pennsylvania.
Carpocapsa pomonella (codling moth) .....	Juglans regia (English walnut) .....				1		Do.
Do .....	Juglans sp. (walnut) .....		3				Do.
Carpocapsa sp. (Olethreutidae) .....	Juglans regia (English walnut) .....		1				Do.
Ceratitis capitata (Mediterranean fruit fly) .....	Citrus aurantium (sour orange) .....	1					New York.
Do .....	Citrus nobilis deliciosa (tangerine) .....	1		1			Do.
Do .....	In hold of ship with bitter oranges .....						Do.
Do .....	Locust (pod) .....	1					Pennsylvania.
Do .....	On boxes of lemons .....	1					New York.
Do .....	On paper around citrus fruit, prickly pears, fresh figs, pomegranates, and ripe olives .....	1					Pennsylvania.

List, by countries, of pests collected and reported from January 1 to December 31, 1928, inclusive—Continued

Country of origin and name of pest	Host	Number of interceptions in—					Collected in—
		Cargo	Mail	Baggage	Quarters	Stores	
ITALY—Continued							
Insects—Continued.							
Ceratitis capitata (Mediterranean fruit fly).	Taken alive on ship (in hatch).	---	---	---	---	---	Pennsylvania.
Ceratitis sp. (Trypetidae).	Citrus sinensis (orange).	---	1	---	---	---	New York.
Chalcid.	Anacardium occidentale (cashew).	1	---	---	---	---	Do.
Chilocorus sp. (Coccinellidae).	Citrus limonia (lemon).	1	---	---	---	---	Do.
Chrysomphalus aonidum (Florida red scale).	do.	---	---	---	---	1	California.*
Chrysomphalus aurantii (California red scale).	do.	---	1	---	---	3	Pennsylvania.
Chrysomphalus dictyospermi (Coccidae).	Citrus limetta (sweet lime).	1	---	---	---	---	New York.
Do.	Citrus limonia (lemon).	---	---	---	---	8	California.*
Do.	do.	1	---	---	---	1	Florida.*
Do.	do.	4	---	---	---	---	Louisiana.
Do.	do.	---	---	---	2	---	Maryland.
Do.	do.	1	---	---	---	---	Michigan.
Do.	do.	---	---	---	---	1	Oregon.
Do.	do.	---	---	---	---	1	Pennsylvania.
Do.	Citrus sinensis (orange).	---	---	1	---	1	California.*
Do.	do.	---	---	---	---	1	Florida.*
Do.	do.	1	---	---	---	---	New York.
Do.	Palm.	---	---	1	---	---	Do.
Do.	Rubiaceae.	---	---	1	---	---	Do.
Chrysomphalus dictyospermi var. (Coccidae).	Citrus aurantifolia (lime).	---	---	1	---	---	Do.
Do.	Citrus limonia (lemon).	1	---	---	---	---	Louisiana.
Do.	do.	---	---	---	---	4	Pennsylvania.
Do.	Citrus sinensis (orange).	---	1	---	---	1	Do.
Do.	Citrus sp. (leaf).	---	---	1	---	---	New York.
Chrysomphalus sp. (Coccidae).	Citrus limetta (sweet lime).	---	1	---	---	---	Pennsylvania.
Do.	Citrus limonia (lemon).	1	---	---	---	---	Massachusetts.
Do.	do.	---	---	---	---	3	Pennsylvania.
Do.	Citrus nobilis deliciosa (tangerine).	---	1	---	---	---	Do.
Do.	Citrus sinensis (orange).	1	---	---	---	1	Do.
Do.	Citrus sp. (leaf).	---	---	1	---	---	New York.
Coccinae (Coccidae).	Olive leaf among olives in brine.	1	---	---	---	---	Pennsylvania.
Coccus hesperidum (soft brown scale).	Citrus limonia (lemon).	---	---	---	---	1	Massachusetts.
Do.	Bay leaf used to top off box of figs.	1	---	---	---	---	Pennsylvania.
Corcyra cephalonica (Pyralidae).	Amygdalus communis (almond).	1	---	---	---	---	New York.
Corymbites sp. (Elateridae).	Soil.	1	---	---	---	---	Do.
Crematogaster sp. (ant).	Cydonia oblonga (quince).	1	---	---	---	---	Do.
Curculionid.	Amygdalus persica (peach).	---	1	---	---	---	Do.
Do.	Cynara scolymus (globe artichoke).	1	---	---	---	---	Do.
Dacus oleae (olive fly).	Olea europaea (olive) (in brine).	2	---	---	---	1	Pennsylvania.
Do.	Olea europaea (olive).	---	2	---	---	---	Do.
Dermestes vulpinus senex (Dermestidae).	Solanum tuberosum (potato).	---	---	---	1	---	Do.
Diaspis carueli (Coccidae).	Cupressus sempervirens (Italian cypress).	---	1	---	---	---	Do.
Do.	Juniperus sp. (juniper) (berry).	1	---	---	---	---	Do.
Ephestia sp. (Pyralidae).	Allium sativum (garlic).	2	---	---	---	---	New York.
Do.	do.	---	---	---	---	1	Pennsylvania.
Do.	Corylus avellana (filbert).	1	---	---	---	---	California.*
Do.	In packing.	1	---	---	---	---	New York.
Do.	Lupinus sp. (lupine).	1	---	---	---	---	California.*
Do.	Punica granatum (pomegranate).	1	---	---	---	---	Pennsylvania.
Epidiaspis piricola (European pear scale).	Fruit scion.	---	1	---	---	---	District of Columbia.

*List, by countries, of pests collected and reported from January 1 to December 31, 1928, inclusive—Continued*

Country of origin and name of pest	Host	Number of interceptions in—					Collected in—
		Cargo	Mail	Baggage	Quarters	Stores	
ITALY—Continued							
Insects—Continued.							
Forficula auricularia (European earwig).	Pyrus communis (pear)---	1	---	---	---	---	New York.
Forficula sp. (earwig)-----	On paper around orange.	1	---	---	---	---	Pennsylvania.
Gelechiid.-----	Olea europaea (olive) (green leaf).	---	1	---	---	---	Do.
Geometrid.-----	Corn husk.	1	---	---	---	---	New York.
Geophilus flavidus (myriapod).	In packing material in box containing various plant cuttings and scions.	---	1	---	---	---	Massachusetts.
Glyciphagus sp. (mite)-----	Castanea sp. (chestnut)---	1	---	---	---	---	Pennsylvania.
Histiostoma sp. (mite)-----	Allium cepa (onion)-----	---	---	---	---	1	Do.
Lasius niger (ant)-----	Solanum tuberosum (potato).	---	---	---	---	1	Do.
Lasius sp. (ant)-----	Moss packing around Juniperus plant.	---	1	---	---	---	Do.
Laspeyresia splendana (Olethreutidae).	Quercus sp. (valonia)-----	1	---	---	---	---	New York.
Laspeyresia splendana reaumurana (Olethreutidae).	Castanea sp. (chestnut) (green).	1	---	---	---	---	Massachusetts.
Do-----	Castanea sp. (chestnut)---	23	---	---	---	---	New York.
Do-----	do.	2	---	---	---	---	Pennsylvania.
Do-----	In bag of chestnuts.	1	---	---	---	---	Michigan.
Do-----	On deck of ship.	1	---	---	---	---	New York.
Do-----	On dock near cases of chestnuts.	1	---	---	---	---	Do.
Laspeyresia sp. (Olethreutidae).	Castanea sp. (chestnut) (in shell).	1	---	---	---	---	Massachusetts.
Do-----	Castanea sp. (chestnut)---	12	---	---	---	---	New York.
Do-----	Cupressus sempervirens (Italian cypress).	---	2	---	---	---	Pennsylvania.
Lecanium persicae (Coccidae).	Vitis sp. (grape) (vine)---	---	1	---	---	---	Do.
Lepidosaphes beckii (purple scale).	Citrus limetta (sweet lime).	1	---	---	---	---	New York.
Do-----	do.	---	1	---	---	---	Pennsylvania.
Do-----	Citrus limonia (lemon)---	---	---	---	---	22	California.*
Do-----	do.	1	---	---	---	2	Florida.*
Do-----	do.	4	---	---	---	1	Louisiana.
Do-----	do.	3	1	---	---	1	Massachusetts.
Do-----	do.	---	---	---	---	1	Maryland.
Do-----	do.	5	---	---	---	---	Michigan.
Do-----	do.	3	---	---	---	---	New York.
Do-----	do.	---	---	---	---	1	Oregon.
Do-----	do.	2	---	---	---	19	Pennsylvania.
Do-----	do.	---	---	---	---	1	Rhode Island.
Do-----	do.	---	---	---	---	3	Washington.
Do-----	Citrus nobilis deliciosa (tangerine).	---	1	---	---	---	Massachusetts.
Do-----	do.	---	1	---	---	---	Pennsylvania.
Do-----	Citrus sinensis (orange)---	---	---	2	---	2	California.*
Do-----	do.	---	1	---	---	---	Massachusetts.
Do-----	do.	2	---	---	---	---	New York.
Do-----	do.	5	---	---	---	3	Pennsylvania.
Do-----	Citrus sinensis (orange) (leaf).	1	---	---	---	---	New York.
Lepidosaphes conchiformis (Coccidae).	Punica granatum (pomegranate).	---	1	---	---	---	Pennsylvania.
Lepidosaphes gloverii (Glover's scale).	Citrus sinensis (orange)---	---	---	1	---	2	California.*
Do-----	do.	---	---	---	---	1	Pennsylvania.
Lepidosaphes ulmi (oyster-shell scale).	Ficus sp. (fig)-----	1	---	---	---	---	Florida.*
Monomorium destructor (ant).	Opuntia compressa (pricklypear).	1	---	---	---	---	Pennsylvania.
Noctuid.-----	Holcus sorghum var. (broomcorn).	1	---	---	---	---	New York.
Olethreutid.-----	Muscari comosum (cipollino).	1	---	---	---	---	Do.
Do-----	Thistle.	---	1	---	---	---	Pennsylvania.
Oxythyrea funesta (Scarabaeidae).	Cactaceae.	---	1	---	---	---	New York.



List, by countries, of pests collected and reported from January 1 to December 31, 1928, inclusive—Continued

Country of origin and name of pest	Host	Number of interceptions in—					Collected in—
		Cargo	Mail	Baggage	Quarters	Stores	
ITALY—Continued							
Insects—Continued.							
<i>Parlatoria oleae</i> (Coccidae)	<i>Amygdalus communis</i> (almond) (twig).	---	1	---	---	---	Pennsylvania.
Do.....	<i>Mespilus germanica</i> (medlar).	1	---	---	---	---	District of Columbia.
Do.....	<i>Pyrus communis</i> (pear)---	1	---	---	---	---	New York.
Do.....	<i>Rosa</i> sp. (rose) (stem)---	---	1	---	---	---	Pennsylvania.
Do.....	<i>Rosa</i> sp. (rose) (tree)---	---	---	1	---	---	New York.
Do.....	Rose tree (cutting)-----	---	---	1	---	---	Do.
Do.....	<i>Sorbus</i> sp.-----	1	---	---	---	---	District of Columbia.
<i>Parlatoria pergandii</i> (chaff scale).	<i>Citrus limonia</i> (lemon)---	---	---	---	---	1	Florida.*
Do.....	do.....	7	---	---	---	---	Louisiana.
Do.....	do.....	---	---	---	---	3	Maryland.
Do.....	do.....	---	---	---	---	2	Massachusetts.
Do.....	do.....	4	---	---	---	---	New York.
Do.....	do.....	---	---	---	---	10	Pennsylvania.
Do.....	do.....	---	---	---	---	1	Rhode Island.
Do.....	<i>Citrus nobilis deliciosa</i> (tangerine).	---	---	1	---	---	New York.
Do.....	<i>Citrus sinensis</i> (orange)---	1	---	---	---	---	Do.
<i>Parlatoria pergandii</i> <i>camelliae</i> (Coccidae).	<i>Citrus</i> sp. (leaf)-----	---	---	1	---	---	Do.
<i>Parlatoria ziziphus</i> (Coccidae).	<i>Citrus limonia</i> (lemon)---	---	---	---	---	8	California.*
Do.....	do.....	1	---	---	---	---	Florida.*
Do.....	do.....	4	---	---	---	---	Louisiana.
Do.....	do.....	---	---	---	---	1	Maryland.
Do.....	do.....	---	---	---	---	7	Pennsylvania.
Do.....	<i>Citrus nobilis deliciosa</i> (tangerine).	---	1	---	---	---	Illinois.
Do.....	do.....	---	---	1	---	---	New York.
<i>Parlatoria</i> sp. (Coccidae)	<i>Amygdalus persica</i> (peach) (scion).	1	---	---	---	---	District of Columbia
Do.....	<i>Citrus limonia</i> (lemon)---	1	---	---	---	---	Michigan.
<i>Phthorimaea operculella</i> (potato tuber worm).	<i>Solanum tuberosum</i> (potato).	---	---	---	---	1	Massachusetts.
Do.....	do.....	---	---	---	---	2	Pennsylvania.
<i>Phycitinae</i> (Pyralidae)	<i>Castanea</i> sp. (chestnut)---	1	---	---	---	---	Do.
Do.....	<i>Citrus limonia</i> (lemon)---	1	---	---	---	---	New York.
Do.....	<i>Ficus carica</i> (fig)-----	1	---	---	---	---	Do.
Do.....	<i>Juglans regia</i> (English walnut).	1	---	---	---	---	Do.
Do.....	do.....	---	1	---	---	---	Pennsylvania.
Do.....	<i>Juglans</i> sp. (walnut)-----	1	---	---	---	---	New York.
Do.....	Locust (pod)-----	2	---	---	---	---	Pennsylvania.
Do.....	<i>Punica granatum</i> (pomegranate) (flower end).	2	---	---	---	---	Do.
Do.....	<i>Punica granatum</i> (pomegranate).	1	---	---	---	---	Do.
Do.....	<i>Quercus</i> sp. (valonia)---	1	---	---	---	---	New York.
<i>Piophilis</i> sp. ( <i>Piophilidae</i> )	In soil around grape cuttings.	---	1	---	---	---	Pennsylvania.
<i>Polychrosis botrana</i> (vine moth).	<i>Vitis</i> sp. (grape) (fresh)---	1	---	---	---	---	New York.
<i>Pyralid</i> -----	<i>Allium sativum</i> (garlic)---	1	---	---	---	---	Do.
Do.....	<i>Amygdalus communis</i> (almond).	---	---	---	---	1	Pennsylvania.
Do.....	<i>Castanea</i> sp. (chestnut)---	1	---	---	---	---	New York.
Do.....	Dry fruit.-----	1	---	---	---	---	Do.
Do.....	<i>Ficus</i> sp. (fig) (dry)-----	---	2	---	---	---	Pennsylvania.
Do.....	<i>Ficus</i> sp. (fig)-----	1	---	---	---	---	New York.
Do.....	do.....	1	1	---	---	---	Pennsylvania.
Do.....	<i>Muscari comosum</i> (cipollino).	---	1	---	---	---	Massachusetts.
Do.....	<i>Phoenix dactylifera</i> (date).	---	---	---	---	1	Pennsylvania.
Do.....	<i>Prunus cerasus</i> (sour cherry).	1	---	---	---	---	Massachusetts
<i>Prolabia arachidis</i> (earwig).	<i>Punica granatum</i> (pomegranate).	1	---	---	---	---	New York.
Do.....	<i>Vitis</i> sp. (grape)-----	1	---	---	---	---	Do.
<i>Pseudococcus citri</i> (citrus mealybug).	<i>Citrus limonia</i> (lemon)---	1	---	---	---	---	Do.

List, by countries, of pests collected and reported from January 1 to December 31, 1928, inclusive—Continued

Country of origin and name of pest	Host	Number of interceptions in—					Collected in—
		Cargo	Mail	Baggage	Quarters	Stores	
ITALY—Continued							
Insects—Continued.							
Pyrausta nubilalis (European corn borer).	Zea mays (corn) (in center of cob).	1					New York.
Rhizoglyphus hyacinthi (bulb mite).	Allium cepa (onion).....					1	Pennsylvania.
Do.....	Allium sativum (garlic).....	1					New York.
Do.....	Solanum tuberosum (potato).					1	Pennsylvania.
Rhizoglyphus phylloxerae (mite).	Allium sativum (garlic).....	1					Louisiana.
Do.....	Mespilus sp. (medlar).....		1				Massachusetts.
Rhizoglyphus sp. (mite).....	Allium cepa (onion).....					1	Pennsylvania.
Do.....	Ficus sp. (fig).....	1					Florida.*
Do.....	Muscari comosum (cipolino).		1				Massachusetts.
Do.....	Solanum tuberosum (potato).					3	Pennsylvania.
Saissetia oleae (black scale).	Olea europaea (olive) (green twig).		1				Do.
Schendyla nemorensis (myriapod).	Soil.....			1			New York.
Sciara sp. (Mycetophilidae).	Muscari comosum (cipolino).		1				Massachusetts.
Do.....	Pisum sativum (pea) (fresh).					1	Pennsylvania.
Do.....	Solanum tuberosum (potato).					3	Do.
Sesamia cretica (durra stem borer).	Holcus sorghum var. (broomcorn).	1					Massachusetts.
Solenopsis geminata (ant).	Triticum aestivum (wheat)		1				Pennsylvania.
Tettigoniid.....	In moss packing around Juniperus plant.		1				Do.
Tineid.....	Allium sativum (garlic).....					1	Do.
Tyroglyphus sp. (mite).....	do.....					1	Do.
Do.....	Muscari comosum (cipolino).		1				Massachusetts.
Diseases:							
Actinomyces scabies.....	Solanum tuberosum (potato).					3	Florida.*
Do.....	do.....					1	South Carolina.
Alternaria citri.....	Citrus limonia (lemon).	1					Florida.*
Alternaria sp.....	Juglans regia (English walnut).	1					New York.
Aspergillus niger.....	Allium cepa (onion).....	1					Do.
Do.....	Allium sativum (garlic).....	2					Do.
Do.....	do.....	1					Pennsylvania.
Cephalothecium roseum.....	Cupressus sempervirens (Italian cypress).		1				Do.
Cephalothecium sp.....	Juglans regia (English walnut).	1					New York.
Colletotrichum gloeosporioides.	Citrus sinensis (orange).....	1					Do.
Diplodia natalensis.....	Citrus limonia (lemon).	1					Louisiana.
Fusarium sp.....	Solanum tuberosum (potato).					3	Florida.*
Do.....	do.....					1	South Carolina.
Mucor sp.....	Citrus limonia (lemon).	1					Louisiana.
Penicillium digitatum.....	do.....					2	Washington.
Penicillium sp.....	Allium sativum (garlic).....	1					Pennsylvania.
Do.....	do.....					1	Washington.
Do.....	Castanea sp. (chestnut).....	4					Florida.*
Do.....	Citrus limonia (lemon).	1					Do.*
Do.....	do.....	1					Louisiana.
Do.....	do.....					1	Pennsylvania.
Do.....	Muscari comosum (cipolino).		1				Massachusetts.
Do.....	Punica granatum (pomegranate).	1					Pennsylvania.
Puccinia allii.....	Allium sativum (garlic) (dry tops).	1					New York.
Do.....	Allium sativum (garlic) (stem).	1					Do.
Do.....	Allium sativum (garlic) (straw).	2					Do.

List, by countries, of pests collected and reported from January 1 to December 31, 1928, inclusive—Continued

Country of origin and name of pest	Host	Number of interceptions in—					Collected in—
		Carro	Mail	Baggage	Quarters	Stores	
ITALY—Continued							
Diseases—Continued.							
Puccinia apii.....	Apium graveolens rapaceum (celeriac).	1					New York.
Puccinia graminis.....	Triticum aestivum (wheat) (straw).		1				Pennsylvania.
Rhizoctonia solani.....	Solanum tuberosum (potato).					1	South Carolina.
Septoria gladioli.....	Gladiolus (corm).....		1				Pennsylvania.
Sphaceloma citri.....	Citrus limonia (lemon).....					1	Washington.
Sphaceloma sp.....	Citrus grandis (pomelo).....					1	Pennsylvania.
Spondylocidium atrovirens.	Solanum tuberosum (potato).					2	Florida.*
Tylenchus dipsaci.....	Muscari comosum (cipollino).	1					New York.
Ustilago zeae.....	Zea mays (corn) (silk)....	1					Pennsylvania.
JAMAICA							
Insects:							
Aleurocanthus woglumi (citrus black fly).	Citrus grandis (grapefruit).				1		Pennsylvania.
Do.....	Citrus sinensis (orange) (leaf).				2	2	Do.
Do.....	Codiaeum sp. (croton) (cutting).				1		Do.
Anastrepha fraterculus (West Indian fruit fly).	Mangifera indica (mango).					1	Florida.*
Do.....	do.....			3			New York.
Do.....	do.....				2		Pennsylvania.
Anastrepha sp. (Trypetidae).	do.....		1	1			Massachusetts.
Do.....	do.....			2			New York.
Do.....	do.....				1		Pennsylvania.
Anisolabis annulipes (earwig).	Dioscorea sp. (yam).....					1	Do.
Anisolabis p. (earwig).....	do.....					1	Do.
Aphis sp. (aphid).....	On bouquet of croton and roses.				1		Do.
Aspidiotus hederae (ivy scale).	Citrus limonia (lemon)....				1		Do.
Attalus p. (Melyridae)....	Musa sp. (banana).....	1					Do.
Aulacaspis pentagona (West Indian peach scale).	Bryophyllum pinnatum.....				1		Do.
Do.....	Carica papaya (papaya)....					1	New York.
Bephra sp. (Eurytomidae).	Annona muricata (sour-sop).				2		Pennsylvania.
Brachyepplus sp. (Nitidulidae).	Banana leaf debris.....	1					Do.
Camponotus wiburdi (ant).	Banana debris.....	1					Do.
Chionaspis citri (orange chionaspis).	Citrus aurantifolia (lime).	2					Louisiana.
Do.....	do.....					1	Massachusetts.
Do.....	Citrus grandis (grapefruit).				1		Pennsylvania.
Do.....	Citrus sinensis (orange)....				2		Do.
Chironomid.....	Ananas sativus (pine-apple).				1		Do.
Chrysomphalus aonidum (Florida red scale).	Citrus grandis (grapefruit).	1					Massachusetts.
Do.....	do.....				2	1	Pennsylvania.
Do.....	Citrus sinensis (orange) (leaf).					1	Do.
Do.....	Unknown cuttings.....			1			New York.
Chrysomphalus aurantii (California red scale).	Citrus limonia (lemon)....					1	Pennsylvania.
Chrysomphalus sp. (Coccidae).	Citrus sinensis (orange)....					1	Do.
Coccus sp. (Coccidae).....	Mangifera indica (mango).				1		Do.
Diaspis boiduvalii (Boisduval's scale).	Ananas sativus (pine-apple).			1			Do.
Diaspis echinocacti opuntiae (Coccidae).	Cactaceae (plant).....	1					District of Columbia.



List, by countries, of pests collected and reported from January 1 to December 31, 1928, inclusive—Continued

Country of origin and name of pest	Host	Number of interceptions in—					Collected in—
		Cargo	Mail	Baggage	Quarters	Stores	
JAMAICA—Continued							
Insects—Continued.							
Diaspis sp. (Coccidae).....	Ananas sativus (pine-apple).	-----	-----	1	-----	-----	Pennsylvania.
Entomobrya sp. (Collembola).	In soil around potted plant.	-----	-----	1	-----	-----	Do.
Ephestia sp. (Pyralidae)...	Anacardium occidentale (cashew nut).	-----	3	-----	-----	-----	Do.
Epipaschiinae (Pyralidae)...	Capsicum annuum (pepper).	-----	-----	1	-----	-----	Do.
Heliothis sp. (Noctuidae)...	Pisum sativum (pea).....	1	-----	-----	-----	-----	New York.
Hemichionaspis minor strachani (Coccidae).	Apparently one of the Malvaceae.	-----	-----	-----	1	-----	Pennsylvania.
Hemichionaspis minor (Coccidae).	Annona muricata (sour-sop).	-----	-----	-----	1	-----	Do.
Howardia biclavus (mining scale).	Unknown woody stem.....	-----	-----	-----	1	-----	Do.
Idiopterus nephrolepidis (aphid).	Unkonwn plant.....	-----	-----	-----	1	-----	Do.
Ischnaspis longirostris (thread scale).	Mangifera indica (mango).	-----	-----	1	-----	-----	Do.
Lepidocyrtus sp. (Collembola).	Banana leaf debris.....	1	-----	-----	-----	-----	Do.
Lepidosaphes beckii (purple scale).	Citrus aurantifolia (lime).	2	-----	-----	-----	-----	Louisiana.
Do.....do.....	do.....	-----	-----	-----	-----	2	Massachusetts.
Do.....do.....	do.....	1	-----	-----	-----	-----	New York.
Do.....do.....	do.....	-----	-----	-----	7	-----	Pennsylvania.
Do.....do.....	Citrus grandis (grapefruit).	-----	-----	-----	-----	3	California.*
Do.....do.....	do.....	-----	-----	-----	-----	1	Maryland.
Do.....do.....	do.....	1	-----	-----	-----	4	Massachusetts.
Do.....do.....	do.....	-----	-----	-----	6	6	Pennsylvania.
Do.....do.....	Citrus nobilis deliciosa (tangerine).	-----	-----	-----	1	1	Do.
Do.....do.....	Citrus sinensis (orange)...	-----	-----	-----	-----	1	Florida.*
Do.....do.....	do.....	-----	-----	-----	-----	1	Maryland.
Do.....do.....	do.....	1	-----	-----	-----	-----	Massachusetts.
Do.....do.....	do.....	-----	-----	1	11	6	Pennsylvania.
Do.....do.....	Citrus sinensis (orange) (leaf).	-----	-----	-----	-----	2	Do.
Do.....do.....	Citrus sp. (twig).....	-----	-----	-----	-----	1	Alabama.
Macrosiphina (aphid).....	Unknown plant.....	-----	1	-----	-----	-----	Pennsylvania.
Monomorium carbonarium ebeninum (ant).	Ananas sativus (pine-apple).	-----	-----	1	-----	-----	Do.
Nitidulid.....	Saccharum officinarum (sugarcane).	-----	-----	-----	1	-----	Do.
Noctuid.....	Chrysanthemum-like plant	-----	-----	-----	1	-----	Do.
Otiorynchid.....	Abrus precatorius (seed)...	-----	1	-----	-----	-----	District of Columbia.
Palaeopus costicollis (Curculionidae).	Dioscorea sp. (yam).....	-----	-----	-----	1	8	Pennsylvania.
Parlatoria pergandii (chaff scale).	Citrus sinensis (orange)...	-----	-----	-----	1	-----	Do.
Phaidole sp. (ant).....	In soil around potted plant.	-----	-----	1	-----	-----	Do.
Philoscia sp. (isopod).....	do.....	-----	-----	1	-----	-----	Do.
Prenolepis longicornis (crazy ant).	Green plant.....	-----	-----	-----	1	-----	Do.
Pseudonidia articulatus (rufous scale).	Citrus aurantifolia (lime).	-----	-----	-----	1	-----	Do.
Do.....do.....	Citrus grandis (grapefruit).	-----	-----	-----	-----	1	Massachusetts.
Do.....do.....	do.....	-----	-----	-----	1	-----	Pennsylvania.
Do.....do.....	Citrus sinensis (orange)...	-----	-----	-----	2	1	Do.
Do.....do.....	Coffea sp. (coffee).....	-----	-----	1	-----	-----	Florida.*
Do.....do.....	Fern.....	-----	-----	-----	-----	1	Do.*
Do.....do.....	Mangifera indica (mango).	-----	-----	1	-----	-----	Pennsylvania.
Do.....do.....	Musa sp. (banana) (stem).	1	-----	-----	-----	-----	Do.
Pseudococcus adonidum (long-tailed mealybug).	Chayota edulis (chayote).	-----	-----	-----	1	-----	Do.
Pseudococcus brevipes (pineapple mealybug).	Ananas sativus (pine-apple).	-----	-----	-----	-----	1	Massachusetts.
Do.....do.....	do.....	-----	-----	1	4	-----	Pennsylvania.

List, by countries, of pests collected and reported from January 1 to December 31, 1928, inclusive—Continued

Country of origin and name of pest	Host	Number of interceptions in—					Collected in—
		Cargo	Mail	Baggage	Quarters	Stores	
JAMAICA—Continued							
Insects—Continued.							
Pseudococcus citri (citrus mealybug).	Annona muricata (soursop)	-----	-----	-----	1	-----	Pennsylvania.
Do.	Chayota edulis (chayote)	-----	-----	1	-----	-----	Do.
Pseudococcus sp. (Coccidae)	Musa sp. (banana)	1	-----	-----	-----	-----	Do.
Pyralid	Citrus sinensis (orange)	-----	-----	-----	-----	1	Do.
Pyraustinae (Pyralidae)	Chayota edulis (chayote)	-----	-----	1	-----	-----	Do.
Rhizoglyphus sp. (mite)	Dioscorea sp. (yam)	-----	-----	-----	-----	1	Do.
Do.	Yam and sweetpotato debris.	-----	-----	-----	-----	1	Do.
Saissetia hemisphaerica (hemispherical scale).	Unknown plant	-----	1	-----	-----	-----	Do.
Saissetia oleae (black scale).	Citrus sp. (twig)	-----	-----	-----	-----	1	Do.
Do.	Unknown plant	-----	-----	-----	1	-----	Do.
Sciara sp. (Mycetophilidae)	Banana leaf debris	1	-----	-----	-----	-----	Do.
Do.	Chrysanthemum sp.	-----	-----	-----	1	-----	Do.
Scolopendra alternans (myriapod).	Musa sp. (banana)	1	-----	-----	-----	-----	Maryland.
Silvanus signatus (Cucujidae).	Green herbs	-----	-----	-----	1	-----	Pennsylvania.
Do.	Punica granatum (pomegranate).	-----	-----	-----	1	-----	Do.
Telephanus sp. (Cucujidae).	Banana leaf debris	1	-----	-----	-----	-----	Do.
Tettigoniid	Leaf of grass-like plant	-----	-----	-----	1	-----	Do.
Tineid	Citrus grandis (grapefruit)	-----	-----	-----	1	-----	Do.
Do.	Musa sp. (banana)	1	-----	-----	-----	-----	Do.
Tortricid	In soil around potted plant	-----	-----	1	-----	-----	Do.
Wasmannia auropunctata (ant).	Banana leaf debris	1	-----	-----	-----	-----	Do.
Diseases:							
Actinomyces scabies	Solanum tuberosum (potato).	-----	-----	-----	-----	3	Florida.*
Aspergillus niger	Citrus aurantifolia (lime)	2	-----	-----	-----	-----	Louisiana.
Aspergillus sp.	do.	1	-----	-----	-----	-----	Do.
Do.	Dioscorea sp. (yam)	-----	-----	-----	-----	1	Pennsylvania.
Capnodium citri	Citrus sinensis (orange)	-----	-----	-----	-----	1	Maryland.
Do.	do.	-----	-----	-----	-----	1	Pennsylvania.
Colletotrichum gloeosporioides.	Persea americana (avocado).	-----	-----	-----	1	-----	Do.
Diplodia sp.	Citrus sinensis (orange)	-----	-----	-----	-----	1	Do.
Do.	Mangifera indica (mango) (seed).	-----	-----	1	-----	-----	Do.
Fusarium sp.	Solanum tuberosum (potato).	-----	-----	-----	-----	2	Florida.*
Leptothyrium pomi	Citrus sinensis (orange)	-----	-----	-----	1	-----	Pennsylvania.
Penicillium sp.	Citrus aurantifolia (lime)	1	-----	-----	-----	-----	Louisiana.
Do.	Colocasia esculenta (dasheen).	-----	-----	-----	1	-----	Pennsylvania.
Do.	Dioscorea sp. (yam)	-----	-----	-----	1	1	Do.
Rhizopus nigricans	Ipomoea batatas (sweetpotato).	-----	-----	-----	-----	1	Do.
Septobasidium sp.	Citrus sinensis (orange)	-----	-----	-----	-----	1	Do.
Spondylocadium atrovirens.	Solanum tuberosum (potato).	-----	-----	-----	-----	2	Florida.*
JAPAN							
Insects:							
Agrotis sp. (Noctuidae)	Brassica pekinensis (Peking cabbage).	-----	-----	-----	-----	1	Washington.
Aleyrodes azaleae (white fly).	Azalea sp.	2	-----	-----	-----	-----	District of Columbia.
Anarsia sp. (Gelechiidae)	Castanea sp. (chestnut) (cutting).	2	-----	-----	-----	-----	Do.
Ancylolema sp. (Pyralidae)	Oryza sativa (rice) (straw packing).	1	-----	-----	-----	-----	Pennsylvania.
Anisolabis annulipes (earwig).	Lilium sp. (lily) (bulb)	4	-----	-----	-----	-----	Do.
Do.	do.	1	-----	-----	-----	-----	Washington.
Anisolabis sp. (earwig)	do.	1	-----	-----	-----	-----	Do.
Anthomyid	Allium cepa (onion)	-----	-----	-----	-----	1	Pennsylvania.
Anthonomus sp. (Curculionidae).	Prunus donarium (seed)	-----	1	-----	-----	-----	District of Columbia.
Aspidiotus cryptoxanthus (Coccidae).	Castanea sp.	1	-----	-----	-----	-----	Do.

*List, by countries, of pests collected and reported from January 1 to December 31, 1928, inclusive—Continued*

Country of origin and name of pest	Host	Number of interceptions in—					Collected in—
		Cargo	Mail	Baggage	Quarters	Stores	
JAPAN—Continued							
Insects—Continued.							
Aspidiotus hederæ (ivy scale).	Aucuba sp. (plant)-----	-----	-----	-----	1	-----	Washington.
Aspidiotus lataniæ (Coccidae).	Aucuba sp.-----	-----	-----	-----	1	-----	Do.
Aspidiotus perniciosus (San Jose scale).	Malus sylvestris (apple)---	1	-----	-----	-----	-----	Do.
Do-----	Prunus sp. (flowering cherry).	-----	-----	-----	1	-----	Do.
Aspidiotus sp. (Coccidae)---	Aucuba sp.-----	-----	-----	-----	1	-----	Do.
Do-----	Castanea sp. (chestnut) (stem).	1	-----	-----	-----	-----	District of Columbia.
Do-----	Castanea sp. (chestnut)---	2	-----	-----	-----	-----	Do.
Do-----	Euonymus sp. (plant)---	-----	-----	-----	1	-----	Washington.
Aulacaspis pentagona (West Indian peach scale).	Azalea sp. (plant)---	-----	-----	-----	1	-----	Do.
Do-----	Ilex sp.-----	1	-----	1	1	-----	Do.
Do-----	Ornamental plant.-----	-----	-----	-----	2	-----	Do.
Do-----	Prunus sp. (dwarf flowering plum).	-----	-----	-----	1	-----	Do.
Do-----	Prunus sp. (flowering cherry).	-----	-----	1	-----	-----	Do.
Do-----	Prunus sp. (ornamental cherry) (plant).	-----	-----	-----	1	-----	Do.
Do-----	Prunus sp. (ornamental plum) (tree).	-----	-----	-----	1	-----	Do.
Do-----	Prunus sp. (ornamental)---	-----	-----	-----	1	-----	Do.
Do-----	Prunus sp.-----	-----	-----	-----	1	-----	Do.
Do-----	Pyrus communis (pear)---	-----	-----	1	-----	-----	Do.
Balaninus sp. (Curculionidae).	Castanea sp. (chestnut)---	-----	-----	2	-----	-----	California.*
Do-----	do-----	1	-----	-----	-----	-----	District of Columbia.
Do-----	do-----	3	-----	-----	-----	-----	Washington.
Bucculatrix sp. (Lyonetiidae).	Aucuba sp. (plant)---	-----	-----	-----	1	-----	Do.
Do-----	Camellia sp. (plant)---	-----	-----	-----	1	-----	Do.
Do-----	Euonymus sp. (plant)---	-----	-----	-----	1	-----	Do.
Do-----	Pyrus communis (pear)---	-----	-----	1	-----	-----	Do.
Carpocapsa pomonella (codling moth).							
Carposina persicæ (Carposinidae).	Malus sylvestris (apple)---	-----	-----	-----	-----	1	Do.
Carposina sp. (Carposinidae).	Magnolia kobus (seed)---	-----	1	-----	-----	-----	District of Columbia.
Cecidomyiid-----	Lilium sp. (lily) (bulb)---	1	-----	-----	-----	-----	Pennsylvania.
Cercopid-----	Euonymus sp. (plant)---	-----	-----	-----	1	-----	Washington.
Ceroplastes ceriferus (Coccidae).	Undetermined plant.-----	-----	-----	-----	2	-----	California.*
Ceroplastes floridensis (Florida wax scale).	Diospyros sp.-----	1	-----	-----	-----	-----	District of Columbia.
Do-----	Euonymus sp. (plant)---	-----	-----	-----	2	-----	Washington.
Do-----	Fatsia sp.-----	-----	-----	-----	1	-----	Do.
Ceroplastes rubens (Coccidae).	Ilex sp. (holly) (plant)---	1	-----	-----	-----	-----	District of Columbia.
Do-----	Marantaceæ-----	-----	1	-----	-----	-----	Washington.
Ceroplastes sp. (Coccidae).	Undetermined plant.-----	-----	-----	-----	1	-----	California.*
Ceutorhynchus albosuturalis (Curculionidae).	In package with unidentified seed.	-----	1	-----	-----	-----	District of Columbia.
Chermes sp. (aphid)-----	Pinus sp. (pine) (twig)---	-----	-----	-----	1	-----	Louisiana.
Chilo simplex (sugarcane moth borer of India).	Bamboo shoots-----	1	-----	-----	-----	-----	California.*
Do-----	Oryza sativa (rice) (straw).	3	-----	-----	-----	-----	Pennsylvania.
Do-----	do-----	2	-----	-----	-----	-----	Washington.
Do-----	Rice straw packing around breakable merchandise.	2	-----	-----	-----	-----	Pennsylvania.
Do-----	Rice straw packing-----	1	-----	-----	-----	-----	Washington.
Do-----	Rice straw-----	1	-----	-----	-----	-----	California.*
Chilo sp. (Pyralidae)-----	Rice straw used as packing for porcelain.	1	-----	-----	-----	-----	Pennsylvania.
Chionaspis citri (orange chionaspis).	Citrus sinensis (orange)---	-----	-----	1	-----	-----	California.*
Chionaspis euonymi (euonymus scale).	Euonymus sp.-----	-----	-----	-----	7	-----	Washington.
Chionaspis wistariæ (Coccidae).	Wisteria sp.-----	-----	-----	1	-----	-----	California.*



List, by countries, of pests collected and reported from January 1 to December 31, 1928, inclusive—Continued

Country of origin and name of pest	Host	Number of interceptions in—					Collected in—
		Cargo	Mail	Baggage	Quarters	Stores	
JAPAN—Continued							
Insects—Continued.							
Chionaspis yanonensis (Coccidae).	Citrus sinensis (orange)					1	Oregon.
Do.	do.			1			Washington.
Chionaspis sp. (Coccidae)	Wisteria sp.	1					District of Columbia.
Chloropid	Lilium sp. (lily) (bulb)	1					Pennsylvania.
Do.	Rice straw packing.	1					Do.
Chrysomelini (Chrysomelidae).	Brassica oleracea capitata (cabbage).					1	Washington.
Chrysomphalus aonidium (Florida red scale).	Camellia sp.				1		California.*
Do.	Undetermined plant				1		Do.*
Chrysomphalus dictyospermi var. (Coccidae).	Aspidistra sp. (plant)				1		Washington.
Do.	Euonymus sp. (plant)				1		Do.
Coccinae (Coccidae)	Castanea sp. (chestnut)	1					District of Columbia.
Do.	Citrus aurantium (sour orange).					1	Washington.
Do.	Citrus sinensis (orange)					1	Oregon.
Do.	Diospyros sp.	2					District of Columbia.
Coccinella brucki (Coccinellidae).	Euonymus sp. (plant)				1		Washington.
Coccus hesperidum (soft brown scale).	Citrus sinensis (orange) (ornamental plant).				1		Do.
Do.	Fatsia sp.				1		Do.
Coleophora sp. (Haploptiliidae).	Castanea sp. (chestnut)	1					District of Columbia.
Creumatogaster sp. (ant)	Lilium sp. (lily) (bulb)	1					New York.
Curculionid	Castanopsis kawakamii	1					District of Columbia.
Do.	Castanopsis stello-spina	1					Do.
Do.	Quercus stenophylla	1					Do.
Cylas turcippennis (Curculionidae).	Ipomoea batatas (sweet-potato).					1	Washington.
Dorycephalus sp. (Cicadellidae).	Castanea sp. (chestnut) (cutting).	1					District of Columbia.
Earias roseifera (Noctuidae)	Azalea sp. (cutting)	1					Do.
Ephestia sp. (Pyralidae)	Capsicum annuum (pepper) (dry).	1					California.*
Do.	Hemp (seed)	1					Do.
Do.	Physalis sp.			1			Do.
Do.	Vicia faba (horse bean)	1					Do.
Eulota similis (Mollusca)	Pinus sp. (dwarf pine)				1		Washington.
Euponera solitaria (ant)	Lilium sp. (lily) (bulb)	1					Pennsylvania.
Fiorinia florinae (Coccidae).	Camellia sp.			1			California.*
Fiorinia sp. (Coccidae)	Ornamental plant.				1		Washington.
Fulgorid	Aucuba sp. (plant)				1		Do.
Geometrid	In package containing chestnut cuttings.	1					District of Columbia.
Gracilaria azaleella (azalea leaf-miner).	Azalea sp. (leaf)	1					Do.
Do.	Azalea sp.	1					Do.
Do.	Between two azalea leaves netted together with a web.	1					Do.
Grapholitha sp. (Olethreutidae).	Malus sylvestris (apple)			1			Washington.
Do.	Pyrus communis (pear)			4			Do.
Hemichionaspis aspidistrae (aspidistra scale).	Citrus aurantium (sour orange).			1			Do.
Do.	Citrus sinensis (orange) (plant).				1		Do.
Do.	Citrus sinensis (orange)					2	Oregon.
Do.	do					2	Washington.
Do.	Fern				1		Do.
Hypomeutid.	Euonymus sp. (plant)				1		Do.
Icerya purchasi (cottony-cushion scale).	Chrysanthemum sp.				1		Do.
Do.	Citrus medica (citron)					1	Do.
Ischnaspis longirostris (thread scale).	Palm.				1		Louisiana.
Kaliella sp. (Mollusca)	Radicula armoracia (horseradish).					1	Washington.

List, by countries, of pests collected and reported from January 1 to December 31, 1928, inclusive—Continued

Country of origin and name of pest	Host	Number of interceptions in—					Collected in—
		Cargo	Mail	Baggage	Quarters	Stores	
JAPAN—Continued							
Insects—Continued.							
Labidurid.....	Zingiber officinale (ginger) (root).	1	---	---	---	---	California.*
Lasiopoda sp. (Cecidomyiidae).	Ephedra vulgaris.....	1	---	---	---	---	Washington.
Lasius niger var. (ant).....	In subsoil packing of lily bulbs.	1	---	---	---	---	Do.
Lasius sp. (ant).....	Lilium sp. (lily) (bulb).....	1	---	---	---	---	Pennsylvania.
Laspeyresia splendana reaumurana (Olethreutidae).	Castanea sp. (chestnut).....	---	---	1	---	---	California.*
Laspeyresia sp. (Olethreutidae).	.....do.....	2	---	---	---	---	District of Columbia.
Lepidocyrtus sp. (Collembola).	Lilium sp. (lily) (bulb).....	3	---	---	---	---	Pennsylvania.
Lepidosaphes beckii (purple scale).	Citrus sinensis (orange).....	---	---	1	---	---	California.*
Lepidosaphes conchiformis (Coccidae).	Diospyros sp.....	4	---	---	---	---	District of Columbia.
Do.....	Pyrus communis (pear).....	---	---	1	---	---	Washington.
Lepidosaphes gloverii (Glover's scale).	Citrus sinensis (orange).....	---	---	---	---	1	Oregon.
Do.....	.....do.....	---	---	1	---	2	Washington.
Do.....	Citrus sinensis (orange) (plant).	---	---	---	2	---	Do.
Lepidosaphes sp. (Coccidae).	Castanea sp. (chestnut).....	13	---	---	---	---	District of Columbia.
Do.....	Euonymus sp. (plant).....	---	---	---	1	---	Washington..
Do.....	Undetermined plant.....	---	---	---	1	---	California.*
Leucaspis japonica (Coccidae).	Castanea sp. (chestnut).....	8	---	---	---	---	District of Columbia.
Leucaspis sp. (Coccidae).....	.....do.....	4	---	---	---	---	Do.
Limacodid.....	Dwarf palm.....	---	---	---	1	---	Washington.
Monomorium pharaonis (Pharaoh's ant).	Bamboo.....	---	---	---	1	---	California.*
Morganella maskelli (Coccidae).	Citrus sinensis (orange).....	---	---	1	---	---	Do.*
Myrmecina graminicola nipponica (ant).	Lilium sp. (lily) (bulb).....	1	---	---	---	---	Pennsylvania.
Oecanthinae (Gryllidae).....	In soil around aucuba plant.	---	---	---	1	---	Washington.
Olethreutid.....	Pyrus communis (pear).....	---	---	---	---	2	Oregon.
Do.....	.....do.....	---	---	1	---	---	Washington.
Do.....	Quercus gilva.....	1	---	---	---	---	District of Columbia.
Ormenis sp. (Fulgoridae).	Euonymus sp. (plant).....	---	---	---	1	---	Washington.
Parlatoria pergandii (chaff scale).	Camellia sp.....	---	---	1	---	---	California.*
Do.....	.....do.....	---	---	---	1	---	Washington.
Do.....	Citrus sinensis (orange).....	---	---	1	---	---	California.*
Do.....	.....do.....	---	---	---	---	2	Oregon.
Do.....	.....do.....	---	---	1	---	2	Washington.
Do.....	Citrus sinensis (orange) (ornamental plant).	---	---	---	1	---	Do.
Do.....	Euonymus sp. (plant).....	---	---	---	2	---	Do.
Do.....	Undetermined plant.....	---	---	---	1	---	California.*
Parlatoria proteus (Coccidae).	Kentia sp. (palm).....	1	---	---	---	---	Washington.
Parlatoria theae (Coccidae).	Acer sp. (maple).....	---	1	---	---	---	District of Columbia.
Do.....	.....do.....	---	---	1	---	---	Washington.
Do.....	Aucuba sp.....	---	---	---	1	---	Do.
Do.....	Euonymus sp. (plant).....	---	---	---	1	---	Do.
Do.....	Euonymus sp.....	---	---	---	2	---	Do.
Do.....	Ilex sp. (holly) (plant).....	1	---	---	---	---	District of Columbia.
Parlatoria sp. (Coccidae).....	Aucuba sp.....	---	---	---	1	---	Washington.
Do.....	Citrus sinensis (orange) (leaf).	---	---	---	1	---	Do.
Pheidole sp. (ant).....	Lilium sp. (lily) (bulb).....	---	1	---	---	---	District of Columbia.
Phenacaspis aucubae (Coccidae).	Aucuba sp. (plant).....	---	---	---	3	---	Washington.
Do.....	Aucuba sp.....	---	---	---	1	---	Do.
Phenacaspis sp. (Coccidae).	Aucuba sp. (plant).....	---	---	---	2	---	Do.
Do.....	Castanea sp. (chestnut).....	9	---	---	---	---	District of Columbia.
Phenacoccus sp. (Coccidae).	Azalea sp.....	5	---	---	---	---	Do.
Do.....	Diospyros sp.....	1	---	---	---	---	Do.

List, by countries, of pests collected and reported from January 1 to December 31, 1928, inclusive—Continued

Country of origin and name of pest	Host	Number of interceptions in—					Collected in—
		Cargo	Mail	Baggage	Quarters	Stores	
JAPAN—Continued							
Insects—Continued.							
Phyllophaga sp. (Scarabaeidae).	In soil around roots of plants.	1					District of Columbia.
Pinnaspis buxi (Coccidae).	Palm.				1		Louisiana.
Prenolepis sp. (ant).	Lilium sp. (lily) (bulb).	1					New York.
Do.	do.	2					Pennsylvania.
Pristomyrmex japonicus (ant).	do.	2					Do.
Pseudaonidia articulatus (rufous scale).	Citrus sinensis (orange) (leaf).				1		Do.
Pseudaonidia duplex (camphor scale).	Castanea sp. (chestnut).	7	1				District of Columbia.
Do.	Citrus aurantium (sour orange).			1		1	Washington.
Do.	Citrus sinensis (orange).			2			California.*
Do.	do.					2	Oregon.
Do.	do.			3		2	Washington.
Do.	Diospyros kaki (kaki persimmon).	4					District of Columbia.
Do.	Diospyros sp.	1					Do.
Do.	Myrica rubra.	6					Do.
Pseudaonidia paeoniae (Coccidae).	Azalea sp.	6					Do.
Do.	Camellia sp. (plant).				1		Washington.
Do.	Castanea sp. (chestnut).	1					District of Columbia.
Pseudaonidia trilobitiformis (Coccidae).	Citrus nobilis deliciosa (tangerine).			1	1		California.*
Pseudaonidia sp. (Coccidae).	Citrus grandis (pomelo).			1			Washington.
Pseudococcus comstocki (Coccidae).	Buxus sp. (box).				1		Do.
Pseudococcus maritimus (Coccidae).	Fatsia sp.				1		Do.
Pseudococcus sp. (Coccidae).	Camellia sp.				1		California.*
Do.	Castanea sp. (chestnut).	1					District of Columbia.
Do.	Undetermined plant.				2		California.*
Pseudoponera solitaria (ant).	Lilium sp. (lily) (bulb).	1					Washington.
Psychid.	Azalea sp. (leaf).	1					District of Columbia.
Do.	Azalea sp.	4					Do.
Do.	Castanea sp. (chestnut) (cutting).	1					Do.
Do.	Castanea sp. (chestnut) (twig).	1					Do.
Do.	Diospyros sp.	1					Do.
Do.	Juniperus sp. (dwarf juniper).				1		Washington.
Pterophorus sp. (Pterophoridae).	Buxus sp. (box).				1		Do.
Ptinella sp. (Ptiliidae).	Lilium sp. (lily) (bulb).	1					Pennsylvania.
Pulvinaria sp. (Coccidae).	Ornamental plant.				1		Washington.
Do.	Undetermined plant.				1		California.*
Pyraustinae (Pyralidae).	Buxus sp. (box).				1		Washington.
Do.	In package with unidentified seed.		1				District of Columbia.
Rhizoglyphus hyacinthi (bulb mite).	Lilium sp. (lily) (bulb).	1					Indiana.*
Do.	do.	1					Ohio.*
Do.	do.	4					Pennsylvania.
Rhizoglyphus sp. (mite).	Dioscorea sp.			1			Washington.
Do.	Lilium sp. (lily) (bulb).	4					Pennsylvania.
Saissetia oleae (black scale).	Buxus sp. (box).				1		Washington.
Saissetia sp. (Coccidae).	Azalea sp.	1					District of Columbia.
Sarothripinae (Noctuidae).	do.	2					Do.
Sciara sp. (Mycetophilidae).	Lilium sp. (lily) (bulb).	1					Indiana.*
Do.	do.	1					Pennsylvania.
Syrphid.	Brassica oleracea capitata (cabbage).					1	Washington.
Do.	Brassica pekinensis (Peking cabbage).					1	Do.
Syrphus sp. (Syrphidae).	Brassica oleracea capitata (cabbage).					1	Do.
Tetramorium caespitum (ant).	Euonymus sp. (plant).				1		Do.



List, by countries, of pests collected and reported from January 1 to December 31, 1928, inclusive—Continued

Country of origin and name of pest	Host	Number of interceptions in—					Collected in—
		Cargo	Mail	Baggage	Quarters	Stores	
JAPAN—Continued							
Insects—Continued.							
Tetramorium caespitum (ant).	Lilium sp. (lily) (bulb)---	1	---	---	---	---	Washington.
Do-----	Rice straw packing-----	1	---	---	---	---	Pennsylvania.
Tetramorium guineense (ant).	Lilium sp. (lily) (bulb)---	1	---	---	---	---	Washington.
Tetramorium sp. (ant)-----	In subsoil packing of lily bulbs.	1	---	---	---	---	Do.
Trachys sp. (Buprestidae)...	Prunus sp. (dwarf plum) (leaf).	---	---	---	1	---	Do.
Tyroglyphus sp. (mite)-----	Allium cepa (onion)-----	---	1	---	---	---	Do.
Yponomeutid-----	Euonymus sp. (plant)-----	---	---	---	1	---	Do.
Zeuzera pyrina (leopard moth).	Castanea sp. (chestnut) (cutting).	1	---	---	---	---	District of Columbia.
Diseases:							
Actinomyces scabies-----	Solanum tuberosum (potato).	---	---	---	---	4	Washington.
Albugo candida-----	Brassica sp-----	---	---	---	---	1	Do.
Cephalobus sp-----	Lilium sp. (lily) (bulb)---	1	---	---	---	---	Pennsylvania.
Coniosporium shiraianum-----	Bamboo used as packing for breakable merchandise.	1	---	---	---	---	Do.
Oidium euonymi-japonica-----	Euonymus sp. (plant)-----	---	---	---	2	---	Washington.
Penicillium digitatum-----	Citrus sinensis (orange)---	1	---	---	---	1	Oregon.
Do-----	do-----	---	---	1	---	---	Washington.
Phoma citricarpa-----	do-----	---	---	---	---	1	Do.
Phomopsis citri-----	Ornamental orange plant-----	---	---	---	1	---	Do.
Rhizoctonia solani-----	Solanum tuberosum (potato).	---	---	---	---	1	Do.
Rhizopus nigricans-----	Ipomoea batatas (sweet-potato).	---	---	---	---	1	Do.
Sphaceloma sp-----	Citrus sinensis (orange)---	---	---	---	---	1	Do.
Do-----	Citrus sp. (cooking orange)---	---	1	---	---	---	Do.
Tilletia horrida-----	Oryza sativa (rice) (head)---	1	---	---	---	---	Pennsylvania.
Ustilago tritici-----	Appears to be Triticum straw used as lining for case of porcelain.	1	---	---	---	---	Washington.
JAVA							
Insects:							
Phthorimaea operculella (potato tuber worm).	Among potatoes-----	---	---	---	---	1	Pennsylvania.
Do-----	Solanum tuberosum (potato).	---	---	---	---	1	Do.
Pseudococcus sacchari (Coccidae).	Saccharum sp. (cane)-----	---	1	---	---	---	District of Columbia.
Diseases:							
Melanconium sacchari-----	Saccharum officinarum (sugarcane).	---	1	---	---	---	Do.
LITHUANIA							
Insects:							
Balaninus sp. (Curculionidae).	Corylus avellana (filbert)---	---	1	---	---	---	Pennsylvania.
MADAGASCAR							
Insects:							
Aspidiotus excisus (Coccidae).	Chrysalidocarpus decipiens-----	---	1	---	---	---	District of Columbia.
Aspidiotus sp. (Coccidae)-----	do-----	---	2	---	---	---	Do.
Asterolecanium sp. (Coccidae).	Holo-----	1	---	---	---	---	Do.
Chrysomphalus dictyospermi var. (Coccidae).	Chrysalidocarpus decipiens.	---	1	---	---	---	Do.
Chrysomphalus sp. (Coccidae).	Euphorbia intisy-----	1	---	---	---	---	Do.
Diapsinae (Coccidae)-----	Mascarenhasia arborescens.	1	---	---	---	---	Do.
Pentatomid-----	In package with cotton-----	1	---	---	---	---	Do.
Phenacaspis natalensis (Coccidae).	Chrysalidocarpus decipiens.	---	1	---	---	---	Do.
Pinnaspis sp. (Coccidae)-----	do-----	---	1	---	---	---	Do.
Diseases:							
Diplodia sp-----	Euphorbia intisy-----	---	1	---	---	---	Do.
Fusarium sp-----	do-----	---	1	---	---	---	Do.

List, by countries, of pests collected and reported from January 1 to December 31, 1928, inclusive—Continued

Country of origin and name of pest	Host	Number of interceptions in—					Collected in—
		Cargo	Mail	Baggage	Quarters	Stores	
MADEIRA ISLANDS							
Insects:							
Aspidiotus lataniae (Coccidae).	Banana leaves and stems used as packing for yams.			1			Rhode Island.
Blastobasis	Eriobotrya japonica (loquat).			1			Do.
Ceratitis capitata (Mediterranean fruit fly).	do.			1			Do.
Do.	In bag containing quinces, pears, ferns, Opuntia sp., pomegranate, and potatoes.			1			Do.
Ceratitis sp. (Trypetidae).	Opuntia sp. (pricklypear).			1			Do.
Ephestia sp. (Pyralidae).	Dioscorea sp. (yam).			1			Do.
Pseudococcus boninsis (Coccidae).	Saccharum officinarum (sugarcane).			2			Do.
Pseudococcus maritimus (Coccidae).	Chayota edulis (chayote).			1			Do.
Do.	Solanum tuberosum (potato).			1			Do.
Pseudococcus sp. (Coccidae).	Banana leaf used as packing for yams.			1			Do.
Sciara sp. (Mycetophilidae).	Chayota edulis (chayote).			1			Do.
MALAY PENINSULA							
Insects:							
Monomorium pharaonis (Pharaoh's ant).	Dioscorea sp. (yam).					2	Pennsylvania.
Pseudococcus citri (citrus mealybug).	do.					1	Do.
Diseases:							
Diplodia sp.	Dioscorea sp. (yam).					1	Do.
MALTA							
Insects:							
Phthorimaea operculella (potato tuber worm).	Solanum tuberosum (potato).					1	Pennsylvania.
Diseases:							
Spongospora subterranea	do.					1	Do.
MARTINIQUE							
Insects:							
Lepidosaphes beckii (purple scale).	Citrus aurantifolia (lime).				1	1	California.*
Do.	Citrus sinensis (orange).					3	Do.*
Diseases:							
Cladosporium citri.	Citrus aurantifolia (lime).				1	1	Do.*
Do.	Citrus sinensis (orange).					1	Do.*
MEXICO							
Insects:							
Agromyzid	Lycopersicum esculentum (tomato).	1					Arizona.
Ammalo insulata (Aretidae).	Pisum sativum (pea).	1					Do.
Anastrepha ludens (Mexican fruit fly).	Citrus sinensis (orange).				1	1	Florida.*
Do.	do.				1		Texas.
Do.	Mammea americana (mamey).				1		Louisiana.
Do.	do.				7		Texas.
Do.	Mangifera indica (mango).				48	1	Do.
Do.	Persea americana (avocado).				1		Do.
Do.	Psidium guajava (guava).				4		Do.
Do.	Punica granatum (pomegranate).				1		Do.
Do.	Sapote.				2		Do.
Anastrepha sp. (Trypetidae).	Mammea americana (mamey).				1		Do.
Do.	Mangifera indica (mango).				1		Do.
Anobiid.	Ficus sp. (fig).				1		Do.

List, by countries, of pests collected and reported from January 1 to December 31, 1928, inclusive—Continued

Country of origin and name of pest	Host	Number of interceptions in—					Collected in—
		Cargo	Mail	Baggage	Quarters	Stores	
Mexico—Continued							
Insects—Continued.							
Anthonomus eugenii (pepper weevil).	Capsicum annuum (pepper) (green).	-----	-----	1	-----	-----	New York.
Anthonomus grandis (boll weevil).	Gossypium sp. (Thurberia cotton plant) (in truck).	-----	-----	-----	-----	-----	Arizona.
Anthonomus sp. (Curculionidae).	In box containing dried leaves and small fruit.	-----	-----	1	-----	-----	New York.
Aphis nerii (aphid)-----	Nerium oleander (oleander) (plant).	-----	-----	1	-----	-----	Texas.
Apion sp. (Curculionidae) ..	Phaseolus sp. (green string bean).	-----	-----	1	-----	-----	Do.
Aspidiotus camelliae (greedy scale).	Pyrus communis (pear) ..	-----	-----	-----	1	----	California.*
Aspidiotus cyanophylli (Coccidae).	Musa sp. (banana)-----	1	-----	-----	-----	-----	Do.*
Aspidiotus destructor (Coccidae).	Persea americana (avocado) (leaf).	-----	-----	1	-----	-----	New York.
Aspidiotus hederæ (ivy scale).	Asparagus sprengeri (sprenger asparagus).	-----	-----	1	-----	-----	Texas.
Aspidiotus lataniae (Coccidae).	Mentha sp. (mint) (plant).	-----	-----	1	-----	-----	Do.
Bephrata sp. (Eurytomidae).	Annona muricata (sour-sop).	-----	-----	-----	1	----	Louisiana.
Blastobasid	Tejocote	-----	-----	1	-----	-----	Texas.
Brachyrhinini (Curculionidae).	Holcus halepensis (Johnson grass) (in truck).	-----	-----	-----	-----	-----	Arizona.
Brachymyrmex sp. (ant)-----	Annona cherimola (cherimoya).	-----	-----	1	-----	-----	Texas.
Bruchus sp. (Bruchidae)-----	Cascalote (Leguminosae) (seed).	-----	1	-----	-----	-----	District of Columbia.
Camponotus abdominalis var. (ant).	Ipomoea batatas (sweet-potato).	-----	-----	-----	-----	1	Texas.
Camponotus sp. (ant)-----	Musa sp. (banana)-----	1	-----	-----	-----	-----	California.*
Do	do	1	-----	-----	-----	-----	Texas.
Catorama sp. (Anobiidae)	Cassia grandis (pink-show-er).	-----	-----	1	-----	-----	California.*
Cecidomyiid-----	Lycopersicum esculentum (tomato).	1	-----	-----	-----	-----	Arizona.
Cerambycid-----	Log-----	1	-----	-----	-----	-----	California.*
Chirida sp. (Chrysomeli- dae).	Musa sp. (banana)-----	1	-----	-----	-----	-----	Do.*
Chrysomelid-----	do (tomato).	1	-----	-----	-----	-----	Do.*
Chrysomphalus aonidum (Florida red scale).	Citrus aurantifolia (lime) ..	2	-----	-----	-----	-----	Texas.
Chrysomphalus aurantii (California red scale).	Citrus sinensis (orange) (leaf).	-----	-----	1	-----	-----	Arizona.
Do	Citrus sinensis (orange)-----	-----	-----	2	-----	-----	California.*
Do	do-----	-----	-----	-----	-----	1	Florida.*
Chrysomphalus aurantii citrinus (Coccidae).	do-----	-----	-----	-----	1	-----	California.*
Chrysomphalus dictyosper- mi (Coccidae).	Citrus aurantifolia (lime).	1	-----	-----	-----	-----	Texas.
Do	Citrus sinensis (orange)-----	-----	-----	1	-----	-----	Do.
Chrysomphalus perseæ (Coccidae).	do-----	-----	-----	1	-----	-----	Do.
Chrysomphalus personatus (Coccidae).	Rosa sp. (rose)-----	-----	-----	1	-----	-----	Do.
Chrysomphalus scutiformis (Coccidae).	Citrus aurantifolia (lime).	1	-----	-----	-----	-----	California.*
Chrysomphalus sp. (Cocci- dae).	do-----	1	-----	-----	-----	-----	Texas.
Do-----	Citrus sinensis (orange)-----	-----	-----	-----	-----	1	Maryland.
Do-----	Dianthus sp. (carnation) (plant).	-----	-----	1	-----	-----	Texas.
Coccus hesperidum (soft brown scale).	do-----	-----	-----	1	-----	-----	Do.
Conotrachelus aguacatae (Curculionidae).	Persea americana (avoca- do).	-----	-----	2	-----	-----	Do.
Conotrachelus perseæ (Curculionidae).	do-----	-----	-----	1	-----	-----	Do.



List, by countries, of pests collected and reported from January 1 to December 31, 1928, inclusive—Continued

Country of origin and name of pest	Host	Number of interceptions in—					Collected in—
		Cargo	Mail	Baggage	Quarters	Stores	
MEXICO—Continued							
Insects—Continued.							
Conotrachelus sp. (Curculionidae).	Persea americana (avocado).			15			Texas.
Do.....	Persea americana (avocado) (seed).			1			Do.
Do.....	Persea americana (avocado) (deseeded).			3			Do.
Crociosema sp. (Olethreutidae).	Hibiscus esculentus (okra)	1					New York.
Cucujid.....	Lignum-vitae.	1					California.*
Curculionid.....	Amygdalus persica (peach)			1			Texas.
Do.....	Psidium guajava (guava).			1			Do.
Cylas formicarius (sweet-potato weevil).	Ipomoea batatas (sweet-potato).			4			Do.
Diabrotica balteata (Chrysomelidae).	Solanum melongena (egg-plant).	1					Arizona.
Diaspinæ (Coccidae).....	Cerbera thevetia (yellow oleander).	1					Texas.
Diaspis echinocacti opuntiae (Coccidae).	Cereus sp.....		1				District of Columbia.
Do.....	Opuntia sp.....		1				Do.
Diatraea sp. (Pyralidae).....	Saccharum officinarum (sugarcane).			2			Texas.
Ephestia sp. (Pyralidae).....	Bean.....	1					California.*
Do.....	Ficus sp. (fig) (dry).....			1			Texas.
Do.....	Malus sylvestris (apple).....			1			Do.
Epuraea sp. (Nitidulidae).....	Ipomoea batatas (sweet-potato).				1		Do.
Etiella zinckenella (Pyralidae).	On floor of car loaded with green peppers, cucumbers, and eggplants.	1					Arizona.
Do.....	Phaseolus lunatus macrocarpus (Lima bean).	2					California.*
Do.....	do.....	1					Texas.
Euscapes sp. (Curculionidae).	Ipomoea batatas (sweet-potato).			1			Do.
Euxesta sp. (Ortaliidae).....	Annona cherimola (cherimoya).			1			Do.
Do.....	Citrus sinensis (orange).....			1			Do.
Do.....	Crecentia sp.....			1			Do.
Do.....	In basket containing mameys.			1			Do.
Do.....	Persea americana (avocado).			1			Do.
Do.....	Psidium guajava (guava).....			1			Do.
Formica sp. (ant).....	Log.....	1					California.*
Gelechiid.....	Capsicum annuum (bell pepper).	1					Arizona.
Do.....	Lycopersicum esculentum (tomato).	1					Do.
Do.....	do.....	1					Michigan.
Glyptotus sp. (Tenebrionidae).	Musa sp. (banana).....	1					California.*
Grapholitha sp. (Olethreutidae).	Cydonia oblonga (quince).....			1			Texas.
Heliothis obsoleta (corn earworm).	Lycopersicum esculentum (tomato).	1					Arizona.
Do.....	do.....	12					California.*
Heliothis sp. (Noctuidae).....	Hibiscus esculentus (okra)	1					New York.
Do.....	In car of tomatoes.....	1					Arizona.
Do.....	Lycopersicum esculentum (tomato).	2					Do.
Do.....	do.....	2					Michigan.
Hemichionaspis aspidistrae (aspidistra scale).	Citrus aurantifolia (lime).	1					Texas.
Lepidosaphes beckii (purple scale).	do.....	1					Do.
Do.....	Citrus grandis (grapefruit).				1	1	Florida.*
Do.....	Citrus limetta (sweet lime).				1		Do.*

List, by countries, of pests collected and reported from January 1 to December 31, 1923, inclusive—Continued

Country of origin and name of pest	Host	Number of interceptions in—					Collected in—
		Cargo	Mail	Baggage	Quarters	Stores	
MEXICO—Continued							
Insects—Continued.							
Lepidosaphes beckii (purple scale).	Citrus limonia (lemon)---	---	---	---	---	1	Louisiana.
Do-----	Citrus sinensis (orange)---	---	---	---	1	1	Florida.*
Do-----	do-----	---	---	---	---	1	Pennsylvania.
Do-----	do-----	---	---	---	---	1	South Carolina.
Lepidosaphes gloverii (Glover's scale).	Citrus aurantifolia (lime)---	---	---	1	---	1	California.*
Do-----	do-----	3	---	---	---	---	Texas.
Do-----	Citrus sinensis (orange)---	---	---	1	---	---	California.*
Do-----	do-----	---	---	---	---	1	Maryland.
Do-----	do-----	---	---	1	---	---	Texas.
Leptotrichus sp. (isopod)---	Lycopersicum esculentum (tomato).	1	---	---	---	---	Arizona.
Lygus sp. (Miridae)-----	Punica granatum (pomegranate).	---	---	---	1	---	Texas.
Macrosiphum sp. (aphid)---	Geranium (plant)-----	---	---	1	---	---	Do.
Myelois venipars (Pyralidae).	Ficus sp. (fig)-----	---	---	1	---	---	Do.
Myelois sp. (Pyralidae)---	Citrus sinensis (orange)---	---	---	2	---	---	Do.
Neleus tlascale (Passalidae).	Musa sp. (banana)-----	1	---	---	---	---	California.*
Noctuid-----	do-----	1	---	---	---	---	Alabama.
Do-----	Pisum sativum (pea) (green).	1	---	---	---	---	Arizona.
Nodonota sp. (Chrysomelidae).	Echeveria sp-----	---	---	1	---	---	Texas.
Olethreutid-----	Annona cherimola (cherimoya).	---	---	3	---	---	Do.
Do-----	Bean-----	1	---	---	---	---	Do.
Do-----	Malus sylvestris (apple)---	---	---	1	---	---	Do.
Do-----	Phaseolus lunatus macrocarpus (Lima bean).	1	---	---	---	---	Do.
Omosita sp. (Nitidulidae)---	Amygdalus persica (peach)---	---	---	1	---	---	Do.
Ortalid-----	Persea americana (avocado).	1	---	---	---	---	Do.
Orthezia insignis (Coccidae).	Mentha sp. (mint) (plant)---	---	---	1	---	---	Do.
Orthezia sp. (Coccidae)---	Mentha sp. (mint)-----	---	---	1	---	---	Do.
Parlatoria pergandii (chaff scale).	Citrus grandis (grapefruit)---	---	---	---	1	1	Florida.*
Do-----	Citrus sinensis (orange)---	---	---	---	---	1	Pennsylvania.
Do-----	do-----	---	---	---	---	1	South Carolina.
Do-----	do-----	---	---	2	---	---	Texas.
Do-----	Euonymus sp-----	---	---	1	---	---	Do.
Pectinophora gossypiella (pink bollworm).	Gossypium sp. (seed cotton) (boll).	---	---	1	---	---	Do.
Phelomerus aberrans (Bruchidae).	Cassia grandis (pink-shower).	---	---	1	---	---	California.*
Phthorimaea lycopersicella (Gelechiidae).	Lycopersicum esculentum (tomato).	2	---	---	---	---	Michigan.
Phthorimaea operculella (potato tuber worm).	Solanum tuberosum (potato).	---	---	1	---	---	California.*
Do-----	do-----	---	---	1	---	---	Texas.
Phthorimaea sp. (Gelechiidae).	Lycopersicum esculentum (tomato).	7	---	---	---	---	Arizona.
Phycitinae (Pyralidae)---	Cassia grandis (pink-shower).	---	---	2	---	---	California.*
Do-----	Gossypium sp. (cotton) (seed).	1	---	---	---	---	Arizona.
Pseudococcus sp. (Coccidae)	Musa sp. (banana)-----	1	---	---	---	---	California.*
Pseudomyrma sp. (ant)---	do-----	1	---	---	---	---	Louisiana.
Psyllid gall-----	Persea americana (avocado).	---	---	1	---	---	New York.
Pyralid-----	Crescentia sp-----	---	---	1	---	---	Texas.
Do-----	Ficus sp. (fig) (dry)---	1	---	---	---	---	Do.
Do-----	Gossypium sp. (cotton) (seed) (in railroad car).	---	---	---	---	---	Do.
Pyraustinae (Pyralidae)---	Cerbera thevetia (yellow oleander).	1	---	---	---	---	Do.
Sphenophorus ludovicianus (Curculionidae)	Musa sp. (banana)-----	1	---	---	---	---	Louisiana.
Stenoma sp. (Stenomidae)---	Annona cherimola (cherimoya).	---	---	1	---	---	Texas.
Syrphus sp. (Syrphidae)---	Nerium oleander (oleander) (plant)	---	---	1	---	---	Do.

List, by countries, of pests collected and reported from January 1 to December 31, 1928, inclusive—Continued

Country of origin and name of pest	Host	Number of interceptions in—					Collected in—
		Cargo	Mail	Baggage	Quarters	Stores	
MEXICO—Continued							
Insects—Continued.							
Tenebrionid.....	Lignum-vitae.....	1					California.*
Do.....	Musa sp. (banana).....	1					Do.*
Tibicen chloromera (Cicadidae).....	do.....	1					Louisiana.
Tineid.....	Punica granatum (pomegranate).....				1		Texas.
Tortricid.....	Persea americana (avocado) (deseeded).....			1			Do.
Do.....	Psidium guajava (guava).....			1			Do.
Trioxa koebelei (Chermidae).....	Persea americana (avocado).....			1			New York.
Xyleborus sp. (Scolytidae).....	Saccharum officinarum (sugarcane) (in railroad car).....						Texas.
Diseases:							
Actinomyces scabies.....	Solanum tuberosum (potato).....			1			California.*
Do.....	do.....					1	Florida.*
Caconema radicola.....	Unidentified plant.....			1			Texas.
Cercospora ricinella.....	Ricinus communis (castorbean).....			1			New York.
Cladosporium citri.....	Citrus aurantifolia (lime).....				1	1	Florida.*
Colletotrichum falcatum.....	Saccharum officinarum (sugarcane) (in railroad car).....						Texas.
Colletotrichum phomoides.....	Lycopersicum esculentum (tomato).....	1					Arizona.
Fusarium sp.....	Solanum tuberosum (potato).....			1			California.*
Mucor sp.....	Cactaceae.....				1		Pennsylvania.
Penicillium digitatum.....	Citrus aurantifolia (lime).....					1	Louisiana.
Penicillium sp.....	Cactaceae.....				1		Pennsylvania.
Do.....	Lycopersicum esculentum (tomato).....	1					Arizona.
Puccinia graminis.....	Triticum aestivum (wheat) (stalk).....			1			Texas.
Rhizoctonia solani.....	Solanum tuberosum (potato).....			1			Do.
Sphaceloma citri.....	Citrus sinensis (orange).....					1	Pennsylvania.
Vermicularia sp.....	Holcus sorghum var. (broomcorn).....		1				Florida.*
MOROCCO							
Insects:							
Atherigona sp. (Anthomyiidae).....	Brassica oleracea capitata (cabbage).....					1	Pennsylvania.
Phthorimaea operculella (potato tuber worm).....	Solanum tuberosum (potato).....					1	Do.
Pieris sp. (Pieridae).....	Brassica oleracea botrytis (cauliflower).....					1	Do.
Plutella maculipennis (diamond-back moth).....	do.....					1	Do.
NETHERLANDS							
Insects:							
Acronycta sp. (Noctuidae).....	Syringa sp.....	1					District of Columbia.
Agriolimax agrestis (Mollusca).....	Brassica oleracea capitata (cabbage).....	1					Pennsylvania.
Agriotes sp. (Elateridae).....	Narcissus sp. (Sir Watkin) (bulb).....	1					Do.
Anthomyiid.....	Allium cepa (onion).....	1					New York.
Do.....	Tulipa sp. (bulb).....	1					Michigan.
Anuraphis tulipae (aphid).....	Iris xiphioides (Mont Blanc) (bulb).....	1					District of Columbia.
Do.....	Iris sp. (Queen Wilhelmina) (bulb).....	1					Do.
Do.....	Iris sp. (Rembrandt) (bulb).....	1					Washington.
Do.....	Iris sp. (root).....		1				Pennsylvania.
Borkhausenia pseudospretella (Oecophoridae).....	At root of narcissus bulb (Poeticus Horace).....	1					New Jersey.
Do.....	Crocus sp. (bulb).....	1					New York.
Do.....	Fagopyrum esculentum (buckwheat) (hulls).....			1			Do.



List, by countries, of pests collected and reported from January 1 to December 31, 1928, inclusive—Continued

Country of origin and name of pest	Host	Number of interceptions in—					Collected in—
		Cargo	Mail	Baggage	Quarters	Stores	
NETHERLANDS—Continued							
Insects—Continued.							
Borkhausenia pseudospretella (Oecophoridae).	Sphagnum around Manetti stock.	1	---	---	---	---	Pennsylvania.
Cecidomyiid.	Hyacinthus sp. (bulb)	2	---	---	---	---	New York.
Do.	do.	2	---	---	---	---	Pennsylvania.
Do.	Hyacinthus sp.	2	---	---	---	---	California.*
Ceutorhynchus pleurostigma (turnip gall weevil).	Brassica rapa (turnip)	---	---	---	---	2	Pennsylvania.
Chloropid.	Tulipa sp. (bulb)	1	---	---	---	---	Do.
Curculionid.	In soil around roots of azalea plants.	1	---	---	---	---	District of Columbia.
Emphytus cinctus (sawfly).	Rosa sp. (Manetti stock)	1	---	---	---	---	Connecticut.*
Endrosis lacteella (Oecophoridae).	Fagopyrum esculentum (buckwheat) (hulls).	1	---	---	---	---	District of Columbia.
Do.	do.	1	---	---	---	---	New York.
Do.	In bag of scilla bulbs	1	---	---	---	---	Pennsylvania.
Do.	Sphagnum around Manetti stock.	1	---	---	---	---	Do.
Entomobrya sp. (Collembola).	Buxus sempervirens (common box).	---	---	---	1	---	Do.
Eumerus strigatus (lesser bulb fly).	Allium cepa (onion)	7	---	---	---	---	Florida.*
Do.	do.	1	---	---	---	---	Michigan.
Do.	do.	26	---	---	---	---	New York.
Do.	Hyacinthus sp. (Albertine) (bulb)	1	---	---	---	---	Massachusetts.
Do.	Hyacinthus sp. (bulb)	2	---	---	---	---	New York.
Do.	Iris sp. (bulb)	1	---	---	---	---	District of Columbia.
Do.	Lilium sp. (lily) (bulb)	2	---	---	---	---	New York.
Do.	Narcissus sp. (Campanelli rugulosus) (bulb).	1	---	---	---	---	Oregon.
Do.	Narcissus sp. (Dorsoris) (bulb).	1	---	---	---	---	Pennsylvania.
Do.	Narcissus sp. (Flora Plena) (bulb).	1	---	---	---	---	Washington.
Do.	Narcissus sp. (Frans Hals) (bulb).	1	---	---	---	---	Oregon.
Do.	Narcissus sp. (Golden Queen) (bulb).	1	---	---	---	---	Washington.
Do.	Narcissus sp. (King Alfred) (bulb).	1	---	---	---	---	Illinois.
Do.	do.	1	---	---	---	---	Louisiana.
Do.	do.	2	---	---	---	---	Oregon.
Do.	do.	1	---	---	---	---	Pennsylvania.
Do.	Narcissus sp. (Lord Kitchener) (bulb).	1	---	---	---	---	Oregon.
Do.	Narcissus sp. (Martha) (bulb).	2	---	---	---	---	Pennsylvania.
Do.	Narcissus sp. (Minister Talma) (bulb).	1	---	---	---	---	Oregon.
Do.	Narcissus sp. (Miss Ellen Terry) (bulb).	2	---	---	---	---	Pennsylvania.
Do.	Narcissus sp. (Orange Cup) (bulb).	1	---	---	---	---	Oregon.
Do.	Narcissus sp. (Silver Spur) (bulb).	1	---	---	---	---	Pennsylvania.
Do.	Narcissus sp. (Sir Watkin) (bulb).	2	---	---	---	---	Illinois.
Do.	Narcissus sp. (Soleil d'Or) (bulb).	1	---	---	---	---	Oregon.
Do.	Narcissus sp. (Spring Glory) (bulb).	2	---	---	---	---	Do.
Do.	do.	3	---	---	---	---	Pennsylvania.
Do.	Narcissus sp. (Sulphur Beauty) (bulb).	3	---	---	---	---	Oregon.
Do.	Narcissus sp. (The Pearl) (bulb).	1	---	---	---	---	Do.
Do.	Narcissus sp. (Tresserve) (bulb).	1	---	---	---	---	Do.
Do.	Narcissus sp. (bulb)	1	---	---	---	---	Illinois.
Do.	do.	1	---	---	---	---	Massachusetts.
Do.	do.	1	---	---	---	---	Michigan.
Do.	do.	3	---	---	---	---	Washington.

List, by countries, of pests collected and reported from January 1 to December 31, 1928, inclusive—Continued

Country of origin and name of pest	Host	Number of interceptions in—					Collected in—
		Cargo	Mail	Baggage	Quarters	Stores	
NETHERLANDS—Continued							
Insects—Continued.							
Eumerus sp. (Syrphidae).....	Allium cepa (onion).....	35				1	New York.
Do.....	do.....						Pennsylvania.
Do.....	Hyacinthus sp. (bulb).....	1					New York.
Do.....	Narcissus sp. (Sir Watkin) (bulb).....	1					Pennsylvania.
Do.....	Narcissus sp. (bulb).....	1					Washington.
Do.....	On bag of onions.....	1					New York.
Euxesta sp. (Ortalidae).....	Iris sp. (Hart Nibbriz).....	1					District of Columbia.
Do.....	Narcissus sp. (King Alfred) (bulb).....	1					Louisiana.
Do.....	Narcissus sp. (Golden Queen) (bulb).....	1					Washington.
Do.....	Narcissus sp. (Martha) (bulb).....	1					Pennsylvania.
Folsomia fimetaria (Collembola).	Hyacinthus sp. (bulb).....	1					Do.
Forficula auricularia (European earwig).	do.....	1					Massachusetts.
Do.....	Miscellaneous bulbs.....	1					New York.
Do.....	Mixed bulbs.....	1					Massachusetts.
Do.....	On crate of bulbs.....	1					New York.
Do.....	Scilla sp. (squill) (bulb).....	1					Massachusetts.
Do.....	Tulipa sp. (bulb).....	2					Do.
Do.....	do.....	1					New York.
Forficula auricularia forcipata (earwig).	Chionodoxa sp. (glory-of-the-snow) (bulb).....	1					Do.
Do.....	Iris sp. (Huchtenburg) (bulb).....	1					Washington.
Do.....	Packing material.....	1					New York.
Gibbium psyllodes (Ptinidae).	In soil around roots of Buxus sempervirens.				1		Pennsylvania.
Gracilia sp. (Cerambycidae)	Dead branch, apparently willow, in case with iris bulbs.	1					District of Columbia.
Helicella candidula (Mollusca).	Among snowdrop bulbs.....	1					Pennsylvania.
Hepialid.....	In peat packing in case of peony roots.	1					District of Columbia.
Histiostoma sp. (mite).....	Allium cepa (onion).....					1	Pennsylvania.
Do.....	Bulbs.....	1					Washington.
Do.....	Lilium sp. (lily) (bulb).....	1					Pennsylvania.
Do.....	Scilla sp. (squill) (bulb).....	1					Do.
Do.....	Solanum tuberosum (potato).					1	Do.
Hylemyia antiqua (onion maggot).	Allium cepa (onion).....	7					Florida.*
Hylemyia cilicrura (seed-corn maggot).	Brassica rapa (turnip).....					1	Pennsylvania.
Hylemyia sp. (Anthomyiidae).	Allium cepa (onion).....	1					Michigan.
Do.....	do.....	27					New York.
Do.....	Brassica rapa (turnip).....					1	Pennsylvania.
Lasius niger (ant).....	Narcissus sp. (Miss Ellen Terry) (bulb).....	1					Do.
Lepidocyrtus sp. (Collembola).	Hyacinthus sp. (bulb).....	1					Washington.
Lepidosaphes ulmi (oyster-shell scale).	Syringa sp.....	1					District of Columbia.
Merodon sp. (Syrphidae).....	Hyacinthus sp. (bulb).....	2					New York.
Do.....	Narcissus sp. (Bazelman Major).....	1					District of Columbia.
Do.....	Narcissus sp. (Boerhave) (bulb).....	1					Pennsylvania.
Do.....	Narcissus sp. (Dosoris) (bulb).....	1					Do.
Do.....	Narcissus sp. (Expectation) (bulb).....	1					Do.
Do.....	Narcissus sp. (Flora Plena) (bulb).....	1					Washington.
Do.....	Narcissus sp. (Glory of Sassenheim) (bulb).....	1					Pennsylvania.
Do.....	Narcissus sp. (Golden Beauty) (bulb).....	1					Do.

List, by countries, of pests collected and reported from January 1 to December 31, 1928, inclusive—Continued

Country of origin and name of pest	Host	Number of interceptions in—					Collected in—
		Cargo	Mail	Baggage	Quarters	Stores	
NETHERLANDS—Continued							
Insects—Continued.							
Merodon sp. (Syrphidae)...	Narcissus sp. (King Alfred) (bulb).	2	---	---	---	---	Illinois.
Do.....	do.....	1	---	---	---	---	Louisiana.
Do.....	do.....	1	---	---	---	---	New Jersey.
Do.....	do.....	1	---	---	---	---	Oregon.
Do.....	do.....	1	---	---	---	---	Pennsylvania.
Do.....	do.....	1	---	---	---	---	Texas.
Do.....	Narcissus sp. (Martha) (bulb).	1	---	---	---	---	Pennsylvania.
Do.....	Narcissus sp. (Miss Ellen Terry) (bulb).	1	---	---	---	---	Do.
Do.....	Narcissus sp. (Sir Watkin) (bulb).	4	---	---	---	---	Do.
Do.....	do.....	1	---	---	---	---	Washington.
Do.....	Narcissus sp. (Spring Glory) (bulb).	1	---	---	---	---	Pennsylvania.
Do.....	Narcissus sp. (bulb).....	---	---	1	---	---	New York.
Do.....	do.....	3	---	---	---	---	Washington.
Mycetobia sp. (Rhyphidae)	Allium cepa (onion).....	1	---	---	---	---	New York.
Necrobia sp. (Cleridae).....	Tulipa sp. (bulb).....	1	---	---	---	---	Pennsylvania.
Nemobius sp. (Gryllidae)...	Among tulip bulbs.....	1	---	---	---	---	Do.
Noctuid.....	Buxus sempervirens (common box) (leaf).	---	---	---	1	---	Do.
Notolophus antiqua (European tussock moth).	Rosa sp. (Manetti stock)...	1	---	---	---	---	Iowa.*
Ortalid.....	Allium cepa (onion).....	3	---	---	---	---	New York.
Platynus sp. (Platypodidae).	In sack of tulip bulbs.....	---	1	---	---	---	District of Columbia.
Psylla buxi (box psylla)....	Buxus sempervirens (common box).	---	---	---	2	---	Pennsylvania.
Pterostichus sp. (Carabidae)	Among narcissus bulbs (King Alfred).	1	---	---	---	---	New Jersey.
Rhizoglyphus hyacinthi (bulb mite).	Allium cepa (onion).....	---	---	---	---	1	Pennsylvania.
Do.....	Crocus sp. (bulb).....	1	---	---	---	---	Do.
Do.....	Galanthus sp. (snowdrop) (bulb).	1	---	---	---	---	New York.
Do.....	do.....	3	---	---	---	---	Pennsylvania.
Do.....	Hyacinthus sp. (bulb).....	4	---	---	---	---	California.*
Do.....	do.....	1	---	---	---	---	New York.
Do.....	do.....	14	---	---	---	---	Pennsylvania.
Do.....	do.....	1	---	---	---	---	Washington.
Do.....	Narcissus sp. (King Alfred) (bulb).	1	---	---	---	---	Louisiana.
Do.....	do.....	2	---	---	---	---	Oregon.
Do.....	Narcissus sp. (Oliver Cromwell) (bulb).	1	---	---	---	---	Pennsylvania.
Do.....	Narcissus sp. (Orange Cup) (bulb).	1	---	---	---	---	Oregon.
Do.....	Narcissus sp. (Sulphur Beauty).	1	---	---	---	---	Do.
Do.....	Narcissus sp. (The Pearl) (bulb).	1	---	---	---	---	Do.
Do.....	Narcissus sp. (bulb).....	1	---	---	---	---	California.*
Do.....	do.....	1	---	---	---	---	Washington.
Do.....	Scilla siberica (Siberian squill) (bulb).	1	---	---	---	---	Pennsylvania.
Do.....	Scilla sp. (squill) (bulb)...	3	---	---	---	---	Do.
Do.....	Tulipa sp. (bulb).....	1	---	---	---	---	California.*
Do.....	do.....	1	---	---	---	---	Michigan.
Do.....	do.....	4	---	---	---	---	Pennsylvania.
Rhizoglyphus sp. (mite)...	Allium cepa (onion).....	1	---	---	---	---	New York.
Do.....	Hyacinthus sp. (bulb).....	1	---	---	---	---	Pennsylvania.
Do.....	Muscari sp. (bulb).....	1	---	---	---	---	Do.
Do.....	Narcissus sp. (King Alfred) (bulb).	1	---	---	---	---	Do.
Do.....	Scilla sp. (squill) (bulb)...	1	---	---	---	---	Do.
Do.....	Solanum tuberosum (potato).	---	---	---	2	---	Do.
Do.....	Tulipa sp. (bulb).....	1	---	---	---	---	California.*
Do.....	do.....	4	---	---	---	---	Pennsylvania.
Sciara sp. (Mycetophilidae)	Allium cepa (onion).....	3	---	---	---	---	New York.
Do.....	Hyacinthus sp. (bulb).....	1	---	---	---	---	Maryland.



List, by countries, of pests collected and reported from January 1 to December 31, 1928, inclusive—Continued

Country of origin and name of pest	Host	Number of interceptions in—					Collected in—
		Cargo	Mail	Baggage	Quarters	Stores	
NETHERLANDS—Continued							
Insects—Continued.							
Sciara sp. (Mycetophilidae)	Hyacinthus sp. (bulb) . . . . .	1	—	—	—	—	New York.
Do. . . . .	do. . . . .	2	—	—	—	—	Pennsylvania.
Do. . . . .	Hyacinthus sp. (Rosea maxima) (bulb). . . . .	1	—	—	—	—	Massachusetts.
Do. . . . .	Ilex sp. (plant) . . . . .	1	—	—	—	—	District of Columbia.
Do. . . . .	Lilium sp. (lily) (bulb) . . . . .	1	—	—	—	—	New York.
Do. . . . .	Narcissus sp. (Golden Queen) (bulb). . . . .	1	—	—	—	—	Washington.
Do. . . . .	Narcissus sp. (bulb) . . . . .	1	—	—	—	—	Do.
Do. . . . .	Solanum tuberosum (potato). . . . .	—	—	—	—	1	Pennsylvania.
Do. . . . .	Tulipa sp. (bulb) . . . . .	1	—	—	—	—	New York.
Swammerdamella sp. (Scaptosidae).	Hyacinthus sp. (bulb) . . . . .	1	—	—	—	—	Maryland.
Do. . . . .	do. . . . .	2	—	—	—	—	Pennsylvania.
Tinea granella (Tineidae)	do. . . . .	1	—	—	—	—	New York.
Tortricid	Buxus sempervirens (common box). . . . .	—	—	—	1	—	Pennsylvania.
Trichocera sp. (Tipulidae)	Allium cepa (onion) . . . . .	4	—	—	—	—	New York.
Tyroglyphus sp. (mite)	Solanum tuberosum (potato). . . . .	—	—	—	—	1	South Carolina.
Do. . . . .	Tulipa sp. (bulb) . . . . .	1	—	—	—	—	Pennsylvania.
Unio pictorum (Mollusca)	In soil around holly plant. . . . .	—	—	—	1	—	Do.
Diseases:							
Actinomyces scabies	Solanum tuberosum (potato). . . . .	—	—	—	—	14	Florida.*
Aphelenchus modestus	Narcissus sp. (Spring Glory) (bulb). . . . .	1	—	—	—	—	Pennsylvania.
Aphelenchus parietinus	Narcissus sp. (Glory of Leiden) (bulb). . . . .	1	—	—	—	—	Do.
Aphelenchus subtenuis	Narcissus sp. (Frans Hals) (bulb). . . . .	1	—	—	—	—	Do.
Aphelenchus sp.	Hyacinthus sp. (bulb) . . . . .	1	—	—	—	—	New York.
Do. . . . .	do. . . . .	2	—	—	—	—	Pennsylvania.
Aspergillus niger	Hyacinthus sp. (bulb) . . . . .	2	—	—	—	—	Maryland.
Do. . . . .	do. . . . .	1	—	—	—	—	Washington.
Aspergillus sp.	do. . . . .	1	—	—	—	—	Maryland.
Bacterium tumefaciens	Rosa multiflora (Japanese rose) (stock). . . . .	1	—	—	—	—	New York.
Do. . . . .	Rosa sp. (Manetti stock) . . . . .	1	—	—	—	—	Illinois.*
Do. . . . .	do. . . . .	1	—	—	—	—	Indiana.*
Do. . . . .	do. . . . .	2	—	—	—	—	New York.
Do. . . . .	Rosa sp. (Multiflora) . . . . .	1	—	—	—	—	Do.
Do. . . . .	Rosa sp. (stock) . . . . .	1	—	—	—	—	Do.
Do. . . . .	Rosa rugosa (stock) . . . . .	1	—	—	—	—	Do.
Botrytis parasitica	Galanthus sp. (bulb) . . . . .	1	—	—	—	—	Massachusetts.
Do. . . . .	Leucojum vernum . . . . .	1	—	—	—	—	District of Columbia.
Do. . . . .	Narcissus sp. (Gertrude) (bulb). . . . .	1	—	—	—	—	Pennsylvania.
Do. . . . .	Narcissus sp. (Glory of Leiden). . . . .	1	—	—	—	—	District of Columbia.
Do. . . . .	Narcissus sp. (King Alfred) . . . . .	1	—	—	—	—	Pennsylvania.
Do. . . . .	Narcissus sp. (bulb) . . . . .	1	—	—	—	—	Michigan.
Botrytis sp.	Galanthus sp. (bulb) . . . . .	1	—	—	—	—	Massachusetts.
Do. . . . .	Zea mays (corn) (leaf) . . . . .	—	—	—	1	—	Pennsylvania.
Caconema radiculicola	Paeonia sp. (peony) . . . . .	1	—	—	—	—	District of Columbia.
Cephalobus sp.	Allium cepa (onion) . . . . .	1	—	—	—	—	New York.
Diplogaster sp.	do. . . . .	2	—	—	—	—	Do.
Do. . . . .	Hyacinthus sp. (bulb) . . . . .	1	—	—	—	—	Michigan.
Do. . . . .	do. . . . .	2	—	—	—	—	Pennsylvania.
Do. . . . .	Narcissus sp. (Spring Glory) (bulb). . . . .	1	—	—	—	—	Do.
Do. . . . .	Narcissus sp. (bulb) . . . . .	1	—	—	—	—	Michigan.
Fusarium sp.	Narcissus sp. (Clarion) (bulb). . . . .	1	—	—	—	—	Pennsylvania.
Do. . . . .	Solanum tuberosum (potato). . . . .	—	—	—	—	5	Florida.*
Do. . . . .	do. . . . .	—	—	—	—	2	Maryland.
Mycosphaerella fragariae	Fragaria sp. (strawberry) (leaf). . . . .	—	—	1	—	—	New York.
Penicillium sp.	Crocus sp. (Mammoth Yellow) (bulb). . . . .	1	—	—	—	—	Massachusetts.
Do. . . . .	Crocus sp. (bulb) . . . . .	1	—	—	—	—	Do.

List, by countries, of pests collected and reported from January 1 to December 31, 1928, inclusive—Continued

Country of origin and name of pest	Host	Number of interceptions in—					Collected in—
		Cargo	Mail	Baggage	Quarters	Stores	
NETHERLANDS—Continued							
Diseases—Continued.							
Penicillium sp. ....	Crocus sp. (bulbs) .....	1	—	—	—	—	Washington.
Do. ....	Gladiolus sp. (Fiery Knight) .....	1	—	—	—	—	District of Columbia.
Do. ....	Hyacinthus sp. (bulb) .....	3	—	—	—	—	Maryland.
Do. ....	Iris sp. (Yellow Queen) (bulb) .....	1	—	—	—	—	Washington.
Do. ....	Iris sp. (Imperator) (bulb) .....	3	—	—	—	—	Do.
Do. ....	Iris sp. (bulb) .....	1	—	—	—	—	Do.
Do. ....	Scilla sp. (squill) (bulb) .....	1	—	—	—	—	Pennsylvania.
Do. ....	Tulipa sp. (bulb) .....	2	—	—	—	—	Michigan.
Do. ....	do .....	4	—	—	—	—	Pennsylvania.
Do. ....	do .....	1	—	—	—	—	Washington.
Pseudomonas hyacinthi. ....	Hyacinthus sp. (bulb) .....	1	—	—	—	—	Pennsylvania.
Rhadditis sp. ....	Allium cepa (onion) .....	1	—	—	—	—	New York.
Do. ....	Hyacinthus sp. (bulb) .....	4	—	—	—	—	Pennsylvania
Rhizoctonia solani. ....	Solanum tuberosum (potato) .....	—	—	—	—	1	Do.
Sclerotium sp. ....	Iris sp. (bulbous) .....	1	—	—	—	—	District of Columbia.
Spondylocadium atrovirens	Solanum tuberosum (potato) .....	—	—	—	—	6	Florida.*
Tylenchus dipsaci. ....	Allium cepa (onion) .....	1	—	—	—	—	New York.
Do. ....	Iris sp. (English) (bulb) .....	1	—	—	—	—	Washington.
Do. ....	Narcissus sp. (Orange Cup) (bulb) .....	1	—	—	—	—	Oregon.
Do. ....	Narcissus sp. (Silver Spur) (bulb) .....	1	—	—	—	—	Pennsylvania.
Do. ....	Narcissus sp. (Spring Glory) (bulb) .....	1	—	—	—	—	Do.
Tylenchus sp. ....	Hyacinthus sp. (bulb) .....	2	—	—	—	—	New York.
NEW BRUNSWICK							
Insects:							
Agromyza sp. (Agromyzidae) .....	Brassica rapa (turnip) .....	—	—	—	—	1	Pennsylvania.
Folsomia fimetaria (Collembola) .....	In bag of potatoes .....	1	—	—	—	—	Do.
Hylemyia sp. (Anthomyiidae) .....	Brassica rapa (turnip) .....	—	—	—	—	1	Do.
Plutella maculipennis (diamond-back moth) .....	do .....	—	—	—	—	1	Do.
Syrphus sp. (Syrphidae) .....	Brassica oleracea capitata (cabbage) .....	—	—	—	—	1	Do.
Diseases:							
Actinomyces scabies. ....	Solanum tuberosum (potato) .....	—	—	—	—	1	Florida.*
Do. ....	do .....	1	—	—	—	—	Pennsylvania.
Fusarium sp. ....	do .....	—	—	—	—	1	Florida.*
Do. ....	do .....	1	—	—	—	—	Pennsylvania.
Rhizoctonia solani. ....	do .....	1	—	—	—	—	Do.
NEWFOUNDLAND							
Diseases:							
Actinomyces scabies. ....	Solanum tuberosum (potato) .....	—	—	—	—	1	Florida.*
NEW GUINEA							
Insects:							
Aracercus sp. (Platystomidae) .....	Mucuna bennetti (seed) .....	—	1	—	—	—	District of Columbia.
Chionaspis madiunensis (Coccidae) .....	Saccharum officinarum (sugarcane) .....	1	—	—	—	—	Do.
Phycitinae (Pyralidae) .....	Undetermined seed .....	—	1	—	—	—	Do.
Rhabdocnemis sp. (Curculionidae) .....	Saccharum officinarum (sugarcane) .....	1	—	—	—	—	Do.
Trionymus sp. (Coccidae) .....	do .....	1	—	—	—	—	Do.

List, by countries, of pests collected and reported from January 1 to December 31, 1928, inclusive—Continued

Country of origin and name of pest	Host	Number of interceptions in—					Collected in—
		Cargo	Mail	Baggage	Quarters	Stores	
NEW SOUTH WALES							
Insects:							
Lepidosaphes sp. (Coccidae)	Watsonia sp. (bulb)			1			District of Columbia.
Pseudococcus maritimus (Coccidae).	do			1			Do.
NEW ZEALAND							
Insects:							
Aspidiotus camelliae (greedy scale).	Olearia avicenniaefolia	1					California.*
Aspidiotus lataniae (Coccidae).	Corokia cotoneaster (fruit)		1				District of Columbia.
Erirhinus sp. (Curculionidae).	Carmichaelia odorata		1				Do.
Leucaspis sp. (Coccidae)	Podocarpus ferruginea	1					California.*
Pseudococcus sp. (Coccidae).	Podocarpus dactyloides	1					Do.*
Saissetia oleae (black scale).	Olearia avicenniaefolia	1					Do.*
Sciara sp. (Mycetophilidae).	Solanum tuberosum (potato).					1	Massachusetts.
NICARAGUA							
Insects:							
Alegoria dilatata (Tenebrionidae).	Musa sp. (banana)	1					Louisiana.
Camponotus abdominalis var. (ant).	do	1					Do.
Camponotus sp. (ant)	do	2					Do.
Ephestia sp. (Pyralidae)	do	1					Do.
Monomorium sp. (ant)	Log	1					California.*
Neoponera villosa (ant)	Musa sp. (banana)	1					Louisiana.
Phelypera distigma (Curculionidae).	Banana debris	1					Do.
NIGERIA							
Insects:							
Curculionid	Theobroma cacao (cacao bean).	1					Pennsylvania.
Lepidosaphes beckii (purple scale).	Citrus sinensis (orange)					1	Florida.*
NORWAY							
Insects:							
Anthomyiid	Brassica rapa (turnip)					1	Pennsylvania.
Anuraphis sp. (aphid)	Plant			1			New York.
Pyralid	On wrapper around shrub stock.			1			Do.
Diseases:							
Oospora pustulans	Solanum tuberosum (potato).					1	Pennsylvania.
Spongospora subterranea	do					1	Do.
Venturia inaequalis	Malus sylvestris (apple)			1			New York.
NOVA SCOTIA							
Insects:							
Agallia sp. (Cicadellidae)	In soil around roots of spruce tree.			1			Massachusetts.
Dolopius sp. (Elateridae)	do			1			Do.
Lasius niger neoniger (ant)	do			2			Do.
Myrmica brevinodis canadensis (ant).	do			1			Do.
Otiorynchus ovatus (Otiorynchidae).	Picea sp. (spruce)			1			Do.
ONTARIO							
Insects:							
Aspidiotus cyanophylli (Coccidae).	Cereus baumanni	1					District of Columbia.
Coccinae (Coccidae)	Ribes sp. (cutting)		1				Do.
Lepidosaphes ulmi (oyster-shell scale).	Malus sp. (apple) (scion)		1				Do.
Do	Ribes sp. (cutting)		1				Do.
Pseudococcus maritimus (Coccidae).	Cereus quadricostatus (plant).		1				Do.



List, by countries, of pests collected and reported from January 1 to December 31, 1928, inclusive—Continued

Country of origin and name of pest	Host	Number of interceptions in—					Collected in—
		Cargo	Mail	Baggage	Quarters	Stores	
ONTARIO—Continued							
Insects—Continued.							
Pseudococcus sp. (Coccidae)	Sempervivum abyssinica	1	1				District of Columbia
Pulvinaria floccifera (Coccidae).	Dendrobium merlin (orchid).	1					Do.
Do.	Dendrobium sp. (orchid) (plant).	1					Do.
Diseases:							
Caconema sp.	Mesembryanthemum thunbergii.		1				Do.
ORIENT							
Insects:							
Anisolabis annulipes (earwig).	In hold of ship						Washington.
Balaninus sp. (Curculionidae).	Castanea sp. (chestnut)	1					California.*
PALESTINE							
Insects:							
Anobiid.	Citrus medica (citron)		1				Pennsylvania.
Bembidion sp. (Carabidae)	Unknown bulbs			1			Rhode Island.
Chrysomelid	On flower stalk of unknown bulb.			1			Do.
Chrysomphalus aurantii (California red scale).	Citrus medica (citron) (fruit).		1				District of Columbia.
Do	Citrus medica (citron)		1				Michigan.
Do	do.		3				New York.
Do	do.		6				Pennsylvania.
Do	Citrus sinensis (orange)		1				District of Columbia.
Do	do.			1			Massachusetts.
Do	Tamarix articulata		1				District of Columbia.
Chrysomphalus dictyospermi (Coccidae).	Citrus medica (cedrat)		1				California.*
Hylemyia sp. (Anthomyiidae).	Citrus medica (citron)		1				Michigan.
Lepidosaphes beckii (purple scale).	do.		1				New York.
Do	Citrus sinensis (orange)				1		Massachusetts.
Do	do.		1				Pennsylvania.
Lepidosaphes ficus (Coccidae).	Ficus carica biyadi		1				District of Columbia.
Do	Ficus sp. (stem)		2				Do.
Monomorium sp. (ant)	Unidentified plant		1				New York.
Parlatoria pergandii (chaff scale).	Citrus medica (cedrat)		1				California.*
Do	Citrus sinensis (orange)					1	New York.
Do	do.		1				Pennsylvania.
Do	do.			1			Rhode Island.
Pseudococcus kraunhae (Coccidae).	Citrus medica (citron)		1				Michigan.
Do	do.		2				Pennsylvania.
Pseudococcus sp. (Coccidae).	do.		1				Do.
Rhizoglyphus hyacinthi (bulb mite).	Amaryllis sp. (bulb)			1			Rhode Island.
Scolytid.	Olea sp. (olive) (stem)		1				District of Columbia.
PANAMA							
Insects:							
Camponotus sp. (ant)	Musa sp. (banana)	1					Louisiana.
Chrysomphalus aonidium (Florida red scale).	Cocos nucifera (coconut)			1			California.*
Crematogaster brevispinosa var. (ant).	Musa sp. (banana) (foliage).	1					South Carolina.
Discocephala humilis (Pentatomidae).	Musa sp. (banana)	1					Louisiana.
Discocephala notulata (Pentatomidae).	do.	1					Do.
Ephestia sp. (Pyralidae).	Bean			1			California.*
Lepidosaphes beckii (purple scale).	Citrus aurantifolia (lime)					2	Do.*
Do	Citrus grandis (grapefruit).					1	Pennsylvania.
Do	Citrus sinensis (orange)				1	2	California.*

List, by countries, of pests collected and reported from January 1 to December 31, 1928, inclusive—Continued

Country of origin and name of pest	Host	Number of interceptions in—					Collected in—
		Cargo	Mail	Baggage	Quarters	Stores	
PANAMA—Continued							
Insects—Continued.							
Lepidosaphes gloverii (Glover's scale).	Citrus aurantifolia (lime).....	-----	-----	-----	-----	1	California.
Neoponera villosa (ant).....	Musa sp. (banana).....	1	-----	-----	-----	-----	Louisiana.
Parlatoria cinerea (Coccidae).	Citrus aurantifolia (lime).....	-----	-----	-----	-----	1	California.*
Pheidole sp. (ant).....	Musa sp. (banana).....	1	-----	-----	-----	-----	Louisiana.
Prenolepis longicornis (crazy ant).	do.....	1	-----	-----	-----	-----	Do.
Prolabia arachidis (earwig).	Under bark of hardwood log.	1	-----	-----	-----	-----	Do.
Rhabdocnemis sp. (Curculionidae).	Saccharum officinarum (sugarcane).	-----	-----	1	-----	-----	Alabama.
Scolytid.....	Under bark of hardwood log.	1	-----	-----	-----	-----	Louisiana.
Tineid.....	Musa sp.(banana) (foliage).	1	-----	-----	-----	-----	South Carolina.
Diseases:							
Actinomyces scabies.....	Solanum tuberosum (potato).	-----	-----	-----	-----	1	Florida.*
Cladosporium citri.....	Citrus limonia (lemon).....	-----	-----	-----	1	-----	California.*
Fusarium sp.....	Cucumis sativus (cucumber).	-----	-----	-----	-----	1	South Carolina.
Do.....	Solanum tuberosum (potato).	-----	-----	-----	-----	1	Florida.*
Spondylocidium atrovirens.	do.....	-----	-----	-----	-----	1	Do.*
PERU							
Insects:							
Anastrepha fraterculus (West Indian fruit fly).	Vitis sp. (grape).....	1	-----	-----	-----	-----	New York.
Lepidosaphes beckii (purple scale).	Citrus sinensis (orange).....	-----	-----	-----	-----	1	California.*
Metamasius sericeus (silky cane weevil).	Banana leaves used as packing for grapes.	1	-----	-----	-----	-----	New York.
Tortricid.....	Persea americana (avocado).	1	-----	-----	-----	-----	Do.
Diseases:							
Phomopsis citri.....	Citrus sinensis (orange).....	-----	-----	-----	-----	1	California.*
PHILIPPINES							
Insects:							
Acythopeus sp. (Curculionidae).	Vanda sanderiana (orchid)	1	-----	-----	-----	-----	District of Columbia.
Amatissa sp. (Psychidae)...	Litchi chinensis (lychee).....	-----	1	-----	-----	-----	Do.
Aspidiotus cyanophylli (Coccidae).	do.....	-----	1	-----	-----	-----	Do.
Aspidiotus destructor (Coccidae).	Cocos nucifera (coconut).....	-----	2	-----	-----	-----	California.*
Aspidiotus lataniae (Coccidae).	Litchi chinensis (lychee).....	-----	1	-----	-----	-----	District of Columbia.
Do.....	Ornamental palm.....	-----	-----	-----	1	-----	Washington.
Bruchus sp. (Bruchidae).....	Bean.....	-----	1	-----	-----	-----	California.*
Cathartus sp. (Cucujidae)...	Capsicum annuum (pepper) (dry).	1	-----	-----	-----	-----	Do.*
Chrysomphalus aonilum (Florida red scale).	Citrus grandis (pomelo).....	-----	-----	1	-----	-----	Washington.
Chrysomphalus aurantii (California red scale).	do.....	-----	-----	1	-----	-----	Do.
Chrysomphalus rossi (Coccidae).	Phalaenopsis rosea (moth orchid) (plant).	1	-----	-----	-----	-----	District of Columbia.
Do.....	Phalaenopsis schilleriana (moth orchid) (plant).	1	-----	-----	-----	-----	Do.
Cryptorhynchinae (Curculionidae).	Heritiera littoralis (seed).....	-----	1	-----	-----	-----	California.*
Cylas formicarius (sweet-potato weevil).	Dioscorea sp.....	-----	-----	1	-----	-----	Washington.
Dermestes sp. (Dermestidae).	Copra.....	1	-----	-----	-----	-----	California.*
Ephestia sp. (Pyralidae).....	Copra confection.....	-----	-----	1	-----	-----	Do.*
Do.....	Theobroma cacao (cacao bean).	1	-----	-----	-----	-----	Do.*
Lepidosaphes gloverii (Glover's scale).	Citrus grandis (pomelo).....	-----	-----	1	-----	-----	Washington.

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		Cargo	Mail	Baggage	Quarters	Stores	
PHILIPPINES—Continued							
Insects—Continued.							
Lepidosaphes sp. (Coccidae).	Citrus grandis (pomelo).....	-----	-----	1	-----	-----	Washington.
Do.	Punica granatum (pomegranate).....	-----	1	-----	-----	-----	California.*
Lophocateres pusillus (Siamese grain beetle).	Oryza sativa (paddy rice).....	-----	1	-----	-----	-----	Do.*
Parlatoria proteus (Coccidae).	Citrus aurantifolia (lime).....	-----	-----	1	-----	-----	Washington.
Parlatoria ziziphus (Coccidae).	....do. ....	-----	-----	1	-----	-----	Do.
Do.	Citrus grandis (grapefruit).....	-----	-----	1	-----	-----	Do.
Do.	Citrus sinensis (orange).....	-----	-----	1	-----	-----	Do.
Phenacaspis sp. (Coccidae).	Mangifera indica (mango).....	-----	1	-----	-----	-----	District of Columbia.
Do.	Ornamental palm.....	-----	-----	-----	1	-----	Washington.
Phycitinae (Pyralidae).....	In can of shelled pelee nuts.....	-----	1	-----	-----	-----	California.*
Do.	Heterospatha elata (seed).....	-----	1	-----	-----	-----	District of Columbia.
Prenolepis longicornis (crazy ant).	In soil around dwarf pine.....	-----	-----	-----	1	-----	Pennsylvania.
Pseudonidia duplex (camphor scale).	Citrus aurantium (sour orange).....	-----	-----	1	-----	-----	Washington.
Pseudococcus brevipes (pineapple mealybug).	Ananas sp. (sucker).....	-----	2	-----	-----	-----	District of Columbia.
Rhizoglyphus phyloxerae (mite).	Nephelium lappaceum (rambutan) (seed).....	-----	1	-----	-----	-----	Do.
Saissetia sp. (Coccidae).....	Punica granatum (pomegranate).....	-----	1	-----	-----	-----	California.*
POLAND							
Insects:							
Amara equestris (Carabidae).	In soil around chrysanthemum plant.....	-----	1	-----	-----	-----	Pennsylvania.
Balaninus sp. (Curculionidae).	Corylus avellana (filbert).....	-----	-----	1	-----	-----	New York.
Brachyrhinus ovatus (Curculionidae).	In moss packing around tulip and lily bulbs and peony roots.....	-----	1	-----	-----	-----	Pennsylvania.
Carpocapsa pomonella (codling moth).	Pyrus communis (pear).....	-----	-----	1	-----	-----	New York.
Forficula auricularia (European earwig).	Dahlia sp. (root).....	-----	1	-----	-----	-----	Massachusetts.
Lepidosaphes ulmi (oyster-shell scale).	Malus sylvestris (apple) (scion).....	-----	1	-----	-----	-----	District of Columbia.
Malacosoma sp. (Lasiocampidae).	Malus sylvestris (apple) (cutting).....	-----	1	-----	-----	-----	Pennsylvania.
Myrmica levinodis (ant).....	Dahlia sp. (root).....	-----	1	-----	-----	-----	Massachusetts.
Myrmica lobicornis (ant).....	In moss packing around tulip and lily bulbs and peony roots.....	-----	1	-----	-----	-----	Pennsylvania.
Olethreutid.....	Malus sylvestris (apple).....	-----	-----	1	-----	-----	New York.
Psylliodes affinis (Chrysomelidae).	Dahlia sp. (root).....	-----	1	-----	-----	-----	Massachusetts.
Pterostichus sp. (Carabidae).	....do. ....	-----	1	-----	-----	-----	Do.
Sitona hispidulus (Curculionidae).	In moss packing around tulip and lily bulbs and peony roots.....	-----	1	-----	-----	-----	Pennsylvania.
Strophosoma sp. (Curculionidae).	Vitis sp. (grape) (cutting).....	-----	1	-----	-----	-----	New York.
Tineid.....	Mushroom.....	-----	1	-----	-----	-----	Michigan
Tipula sp. (Tipulidae).....	In moss and sand packing around apple cuttings.....	-----	1	-----	-----	-----	Pennsylvania.
Diseases:							
Botrytis cinerea.....	Vitis sp. (grape) (cutting).....	-----	1	-----	-----	-----	New York.
Penicillium sp.....	Allium cepa (onion).....	-----	1	-----	-----	-----	Pennsylvania.
PORTO RICO							
Insects:							
Aspidiotus cocotiphagus (Coccidae).	Mangifera indica (mango).....	-----	-----	-----	1	-----	Pennsylvania.
Aspidiotus destructor (Coccidae).	Cocos nucifera (coconut).....	-----	-----	-----	-----	1	Florida.
Do.	Palm.....	-----	-----	-----	1	-----	Do.*
Asterolecanium pustulans (Coccidae).	Mangifera indica (mango).....	1	-----	-----	-----	-----	New York.*



List, by countries, of pests collected and reported from January 1 to December 31, 1928, inclusive—Continued

Country of origin and name of pest	Host	Number of interceptions in—					Collected in—
		Cargo	Mail	Baggage	Quarters	Stores	
PORTO RICO—Continued							
Insects—Continued.							
<i>Chionaspis citri</i> (orange chionaspis).	<i>Citrus sinensis</i> (orange)---				1		Pennsylvania.
<i>Chrysomphalus aonidum</i> (Florida red scale).	<i>Citrus grandis</i> (grapefruit)---				1		Do.
Do.....	<i>Citrus sinensis</i> (orange)---					1	Do.
<i>Chrysomphalus personatus</i> (Coccidae).	<i>Cocos nucifera</i> (coconut) (plant).			1			Do.
<i>Coccinae</i> (Coccidae)-----	do.....			1			Do.
Do.....	<i>Musa</i> sp. (banana) (leaf).	1					New York.
<i>Coccus viridis</i> (Coccidae)---	<i>Citrus aurantifolia</i> (lime) (leaf).				3		Pennsylvania.
Do.....	<i>Citrus aurantifolia</i> (lime) (leaf and stem).				1		Do.
<i>Coccus</i> sp. (Coccidae)-----	<i>Citrus aurantifolia</i> (lime) (leaf).				1		Do.
<i>Cylas formicarius</i> (sweet-potato weevil).	<i>Ipomoea batatas</i> (sweet-potato).					1	Florida.*
<i>Etiella zinckenella</i> (Pyralidae).	<i>Cajanus indicus</i> (pigeon pea).	1					New York.
Do.....	<i>Cajanus indicus</i> (gandul)---	1					Do.
<i>Eusepes batatae</i> (West Indian sweet-potato weevil).	<i>Ipomoea batatas</i> (sweet-potato).					1	Pennsylvania.
<i>Flatinae</i> (Fulgoridae)-----	<i>Citrus aurantifolia</i> (lime) (green leaf).				1		Do.
<i>Furcaspis biformis</i> (Coccidae).	<i>Agave fourcroydes</i> (henequen) (leaf).		1				District of Columbia.
<i>Lepidosaphes beckii</i> (purple scale).	<i>Citrus aurantifolia</i> (lime) (green leaf).				1		Pennsylvania.
Do.....	<i>Citrus aurantifolia</i> (lime) (leaf and stem).				1		Do.
Do.....	<i>Citrus aurantifolia</i> (lime) (leaf).				3		Do.
Do.....	<i>Citrus grandis</i> (grapefruit)---			1	2	9	California.*
Do.....	do.....					1	Massachusetts.
Do.....	do.....	1			2	5	Pennsylvania.
Do.....	<i>Citrus sinensis</i> (orange)---					1	California.*
Do.....	do.....				4	4	Pennsylvania.
<i>Parlatoria pergandii</i> (chaff scale).	do.....					1	California.*
Do.....	do.....				1		Pennsylvania.
<i>Pheidole flavens</i> var. (ant)---	<i>Cocos nucifera</i> (coconut) (plant).			1			Do.
<i>Pseudaonidia articulatus</i> (Coccidae).	<i>Citrus grandis</i> (grapefruit)---					2	California.*
Do.....	do.....				1	1	Pennsylvania.
Do.....	<i>Citrus sinensis</i> (orange)---				1		Do.
<i>Pseudischnaspis bowreyi</i> (Coccidae)	<i>Agave fourcroydes</i> (henequen) (leaf).		1				District of Columbia.
Do.....	<i>Agave sisalana</i> (sisal) (leaf).		1				Do.
Do.....	<i>Agave</i> sp.....		1				Do.
<i>Pseudococcus brevipes</i> (pineapple mealybug)---	<i>Ananas sativus</i> (pine-apple) (slip).		1				Do.
Do.....	do.....				1		Pennsylvania.
<i>Pseudococcus citri</i> (citrus mealybug).	<i>Dioscorea</i> sp. (yam)-----	1					New York.
<i>Pseudococcus nipae</i> (coconut mealybug).	<i>Cocos nucifera</i> (coconut)---			1			Pennsylvania.
<i>Pseudococcus</i> sp. (Coccidae).	<i>Agave cantula</i> (leaf)-----		1				District of Columbia.
Do.....	<i>Agave deweyana</i> -----		1				Do.
Do.....	<i>Ananas sativus</i> (pine-apple).				1		Pennsylvania.
Do.....	<i>Chayota edulis</i> (chayote).	1					New York.
<i>Pseudoparlatoria ostreata</i> (Coccidae).	<i>Acalypha</i> sp. (copper leaf).			1			Do.
<i>Scymninae</i> (Coccinellidae)---	<i>Citrus aurantifolia</i> (lime) (green leaf).				1		Pennsylvania.
<i>Solenopsis</i> sp. (ant)-----	<i>Dioscorea</i> sp. (yam)-----				1		Do.
<i>Tetramorium caespitum</i> (ant).	<i>Ananas sativus</i> (pine-apple) (slip).		1				District of Columbia.

List, by countries, of pests collected and reported from January 1 to December 31, 1928, inclusive—Continued

Country of origin and name of pest	Host	Number of interceptions in—					Collected in—
		Cargo	Mail	Baggage	Quarters	Stores	
PORTO RICO—Continued							
Insects—Continued.							
Tineid.....	Achras sapota (sapodilla).....	-----	-----	1	-----	-----	New York.
Vinsonia stellifera (star scale).	Cocos nucifera (coconut).....	-----	-----	-----	-----	1	Florida.*
Wasmannia auropunctata (ant).	Bromelia pinguin.....	-----	1	-----	-----	-----	District of Columbia.
Diseases:							
Capnodium citri.....	Citrus aurantifolia (lime) (leaf).....	-----	-----	-----	1	-----	Pennsylvania.
Cladosporium citri.....	Citrus grandis (grapefruit).....	-----	-----	-----	-----	3	California.*
Penicillium sp.....	Mangifera indica (mango) (seed).....	-----	-----	-----	1	-----	Pennsylvania.
Phomopsis citri.....	Citrus grandis (grapefruit).....	-----	-----	2	-----	1	California.*
Rhizopus nigricans.....	Ipomoea batatas (sweet-potato).....	1	-----	-----	-----	-----	New York.
Sphaceloma citri.....	Citrus grandis (grapefruit).....	-----	-----	-----	1	9	Pennsylvania.
PORTUGAL							
Insects:							
Aspidiotus sp. (Coccidae)...	Citrus limonia (lemon).....	-----	-----	-----	-----	1	Pennsylvania.
Dacus oleae (olive fly).....	Olea europaea (olive) (ripe).....	-----	-----	-----	-----	1	Do.
Lepidosaphes beckii (purple scale).	Citrus limonia (lemon).....	-----	-----	-----	-----	2	Do.
Lepidosaphes gloverii (Glover's scale).	Citrus sinensis (orange).....	-----	1	-----	-----	-----	California.*
Ortalid.....	Citrus limonia (lemon).....	-----	-----	-----	-----	1	Pennsylvania.
Rhizoglyphus sp. (mite).....	Solanum tuberosum (potato).....	-----	-----	-----	-----	1	Do.
Sciara sp. (Mycetophilidae).	Allium cepa (onion).....	-----	-----	-----	-----	1	Do.
Do.....	Solanum tuberosum (potato).....	-----	-----	-----	-----	1	Do.
Diseases:							
Penicillium digitatum.....	Citrus limonia (lemon).....	-----	-----	-----	-----	1	Do.
Rhizopus nigricans.....	do.....	-----	-----	-----	-----	1	Do.
PORTUGUESE EAST AFRICA							
Insects:							
Coreyra cephalonica (Pyralidae).	Trichilia emetica (ma-furra) (seed).....	2	-----	-----	-----	-----	District of Columbia.
Do.....	do.....	2	-----	-----	-----	-----	Pennsylvania.
Dermestes sp. (Dermestidae).	do.....	1	-----	-----	-----	-----	Do.
Ephestia sp. (Pyralidae).....	do.....	1	-----	-----	-----	-----	District of Columbia.
Phycitinae (Pyralidae).....	do.....	2	-----	-----	-----	-----	Pennsylvania.
PRINCE EDWARD ISLAND							
Diseases:							
Actinomyces scabies.....	Solanum tuberosum (potato).....	1	-----	-----	-----	-----	Pennsylvania.
Phytophthora infestans.....	do.....	1	-----	-----	-----	-----	Do.
RUSSIA							
Insects:							
Epidiaspis piricola (European pear scale).	Pyrus elaeagnifolia (oleaster pear) (stem).....	-----	1	-----	-----	-----	District of Columbia.
ST. LUCIA							
Insects:							
Bruchus sp. (Bruchidae)...	Cajanus indicus (pigeon pea).....	-----	1	-----	-----	-----	District of Columbia.
Lepidosaphes beckii (purple scale).	Citrus aurantifolia (lime).....	-----	-----	-----	-----	1	Florida.*
SALVADOR							
Insects:							
Anastrepha sp. (Trypetidae).	Achras sapota (chico).....	-----	-----	1	-----	-----	Louisiana.

List, by countries, of pests collected and reported from January 1 to December 31, 1928, inclusive—Continued

Country of origin and name of pest	Host	Number of interceptions in—					Collected in—
		Cargo	Mail	Baggage	Quarters	Stores	
SAMOA							
Insects:							
Diocalandra taitensis (Curculionidae).	Cocos nucifera (coconut) ..	-----	-----	1	-----	-----	California.*
Ephestia sp. (Pyrilidae) ..	Theobroma cacao (cacao bean).	6	-----	-----	-----	-----	Do.*
Hemichionaspis minor (Coccidae).	Cocos nucifera (coconut) ..	-----	2	-----	-----	-----	Do.*
Lepidosaphes beckii (purple scale).	Citrus aurantifolia (lime) ..	-----	-----	3	-----	-----	Do.*
Do .....	Citrus sinensis (orange) ..	-----	-----	1	-----	-----	Do.*
Pseudococcus sp. (Coccidae).	Cocos nucifera (coconut) ..	-----	-----	1	-----	-----	Do.*
SCOTLAND							
Insects:							
Agriolimax agrestis (Mollusca).	Brassica oleracea capitata (cabbage).	-----	1	-----	-----	-----	Massachusetts.
Arion hortensis (Mollusca) ..	do .....	-----	1	-----	-----	-----	Do.
Cecidomyiid .....	Ribes sp. (currant) (cutting).	1	-----	-----	-----	-----	District of Columbia.
Ceutorhynchus sp. (Curculionidae).	Brassica oleracea capitata (cabbage).	-----	1	-----	-----	-----	Massachusetts.
Coccus hesperidum (soft brown scale).	Ilex sp. (holly) .....	-----	-----	1	-----	-----	Michigan.
Oecophorid .....	In bale of bagging .....	1	-----	-----	-----	-----	New York.
Olethreutid .....	Ilex sp. (holly) (plant) ..	-----	-----	1	-----	-----	Michigan.
Rhizoglyphus sp. (mite) ..	Solanum tuberosum (potato).	-----	-----	-----	-----	1	South Carolina.
Tineid .....	Bagging .....	1	-----	-----	-----	-----	New York.
Trichocera sp. (Tipulidae) ..	Brassica rapa (turnip) ..	-----	-----	-----	-----	1	Pennsylvania.
Diseases:							
Actinomyces scabies .....	Solanum tuberosum (potato).	-----	-----	-----	-----	3	Florida.*
Do .....	do .....	-----	-----	-----	-----	1	South Carolina.
Fusarium sp .....	do .....	-----	-----	-----	-----	2	Florida.*
Do .....	do .....	1	-----	-----	-----	-----	Pennsylvania.
Oospora pustulans .....	do .....	-----	-----	-----	-----	1	Do.
Phytophthora infestans ..	do .....	1	-----	-----	-----	-----	Do.
SERBS, CROATS, AND SLOVENES, KINGDOM OF							
Insects.							
Cochlicopa lubrica (Mollusca).	In moss around grapevines.	-----	1	-----	-----	-----	Pennsylvania
Geometrid .....	Moss .....	-----	1	-----	-----	-----	Illinois.
Helix sp. (Mollusca) .....	In moss around grapevines.	-----	1	-----	-----	-----	Pennsylvania.
Pupilla muscorum (Mollusca).	In soil around grapevines.	-----	1	-----	-----	-----	Do.
Vallonia pulchella (Mollusca).	In moss around grapevines.	-----	1	-----	-----	-----	Do.
SIAM							
Insects:							
Chionaspis citri (orange chionaspis).	Citrus grandis (pomelo) ..	-----	-----	-----	-----	1	Pennsylvania.
Chrysomphalus aonidium (Florida red scale).	do .....	-----	-----	-----	-----	1	Do.
Lepidosaphes beckii (purple scale).	do .....	-----	-----	-----	-----	1	Do.
Lepidosaphes gloverii (Glover's scale).	do .....	-----	-----	-----	-----	1	Do.
Parlatoria ziziphus (Coccidae).	do .....	-----	-----	-----	-----	1	Do.
Pseudaonidia trilobitiformis (Coccidae).	do .....	-----	-----	-----	-----	1	Do.
SIERRA LEONE							
Insects:							
Entomobrya sp. (Collembola).	Ananas sativus (pineapple).	-----	-----	1	-----	-----	Pennsylvania.
Diaspis bromeliae (Coccidae).	do .....	-----	-----	-----	-----	1	Do.



List, by countries, of pests collected and reported from January 1 to December 31, 1928, inclusive—Continued

Country of origin and name of pest	Host	Number of interceptions in—					Collected in—
		Cargo	Mail	Baggage	Quarters	Stores	
SIERRA LEONE—Continued							
Insects—Continued.							
Monomorium pharaonis (Pharaoh's ant).	Solanum tuberosum (potato).	---	---	---	---	1	Pennsylvania.
Pseudococcus brevipes (pineapple mealybug).	Ananas sativus (pineapple).	---	---	1	---	1	Do.
SOUTH AFRICA							
Insects:							
Aspidiotus hederæ (ivy scale).	Haworthia sp. (plant)---	---	1	---	---	---	District of Columbia.
Blepisanis sp. (Cerambycidae).	Helichrysum vestitum	---	---	---	1	---	Pennsylvania.
Cecidomyiid	Ornithogalum sp. (Star-of-Bethlehem) (cut flower).	---	1	---	---	---	Do.
Chionaspis leucadendri (Coccidae).	Protea argentea (silver tree).	---	---	---	1	---	Do.
Chionaspis sp. (Coccidae)	Huernia transvaalensis	---	1	---	---	---	District of Columbia.
Chloropid	Protea sp	---	---	1	---	---	Maryland.
Chrysomphalus aurantii (California red scale).	Citrus grandis (grapefruit)	---	---	---	---	1	Pennsylvania.
Do	Citrus limonia (lemon)	---	---	---	---	2	Do.
Do	Citrus sinensis (orange)	---	---	---	---	1	Maryland.
Do	do	---	---	---	---	1	Massachusetts.
Do	do	---	---	---	---	1	Pennsylvania.
Coccus hesperidum (soft brown scale).	Cactaceae	---	---	---	1	---	Do.
Dichelus sp. (Scarabaeidae).	Protea sp	---	---	2	---	---	Maryland.
Gelechiid	Prunus armeniaca (apricot).	---	---	---	---	1	New York.
Lepidosaphes beckii (purple scale).	Citrus sinensis (orange)	---	---	---	---	1	Massachusetts.
Monotomid	Protea sp	---	---	1	---	---	Pennsylvania.
Myzus pelargonii (aphid)	Ornithogalum sp. (Star-of-Bethlehem) (flower).	---	1	---	---	---	Do.
Olethreutid	Protea sp	---	---	1	---	---	Do.
Phthorimaea operculella (potato tuber worm).	In potato bin on ship	---	---	---	---	---	South Carolina.
Do	Solanum tuberosum (potato).	---	---	---	---	8	Pennsylvania.
Prolabis sp. (earwig)	do	---	---	---	---	1	Do.
Pseudococcus adonidum (long-tailed mealybug).	Strelitzia angusta (plant)	---	1	---	---	---	District of Columbia.
Pseudococcus sp. (Coccidae).	Ornithogalum sp. (Star-of-Bethlehem) (flower).	---	1	---	---	---	Pennsylvania.
Do	Pyrus communis (pear)	---	---	---	---	1	Do.
Do	Strelitzia angusta	---	1	---	---	---	California.*
Pyraustinae (Pyralidae)	In crack of orange crate	---	---	---	---	1	Pennsylvania.
Rhizoglyphus hyacinthi (bulb mite).	Allium cepa (onion)	---	---	---	---	1	Do.
Rhizoglyphus sp. (mite)	do	---	---	---	---	1	South Carolina.
Do	Solanum tuberosum (potato).	---	---	---	---	1	Pennsylvania.
Tapinoma sp. (ant)	Protea sp	---	---	1	---	---	Maryland.
Trichopteryx sp. (Ptilidae)	do	---	---	1	---	---	Do.
Tyroglyphus sp. (mite)	Protea sp. (leaf)	---	---	1	---	---	Pennsylvania.
Diseases:							
Actinomyces scabies	Solanum tuberosum (potato).	---	---	---	---	1	Florida.*
Do	do	---	---	---	---	1	Massachusetts.
Do	do	---	---	---	---	1	Pennsylvania.
Fusarium sp	do	---	---	---	---	1	Massachusetts.
Penicillium sp	Bulbs	---	1	---	---	---	Oregon.
Puccinia kalchbrenneriana	Ornithogalum thyrsoides (chincherichee).	---	1	---	---	---	Pennsylvania.
Do	Ornithogalum sp. (Star-of-Bethlehem).	---	---	---	---	1	New York.
Rhizoctonia solani	Solanum tuberosum (potato).	---	---	---	---	1	Pennsylvania.
Do	do	---	---	---	---	1	South Carolina.
Sphaeloma sp	Citrus limonia (lemon)	---	---	---	---	1	Maryland.
Spondyloceladium atrovirens.	Solanum tuberosum (potato).	---	---	---	---	1	Florida.*

List, by countries, of pests collected and reported from January 1 to December 31, 1928, inclusive—Continued

Country of origin and name of pest	Host	Number of interceptions in—					Collected in—
		Cargo	Mail	Baggage	Quarters	Stores	
SOUTH AMERICA							
Insects:							
Ephestia sp. (Pyralidae)---	Theobroma cacao (cacao bean).	---	2	---	---	---	California.*
SPAIN							
Insects:							
Aspidiotus camelliae (greedy scale).	Citrus limonia (lemon)---	---	---	1	---	---	Florida.*
Do.....	Citrus sinensis (orange)---	---	---	---	---	1	Pennsylvania.
Aspidiotus hederae (ivy scale)	Citrus limonia (lemon)---	---	---	1	---	---	Florida.*
Do.....	do.....	---	---	---	---	4	Pennsylvania.
Do.....	Muscatel raisin.....	1	---	---	---	---	Do.
Aspidiotus ostreaeformis (Coccidae).	Ficus sp. (cutting).....	1	---	---	---	---	District of Columbia
Balaninus sp. (Curculionidae).	Castanea sp. (chestnut)---	1	---	1	1	---	Florida.*
Do.....	do.....	1	---	---	---	---	New York.
Bruchus sp. (Bruchidae)---	Forage seed.....	---	1	---	---	---	District of Columbia.
Do.....	Vicia sp. (seed).....	---	1	---	---	---	Do.
Ceratitis capitata (Mediterranean fruit fly).	Citrus sinensis (orange)---	---	---	---	---	1	South Carolina.
Do.....	Punica granatum (pomegranate).	---	---	---	---	1	Pennsylvania.
Chrysomphalus aonidium (Florida red scale).	Citrus nobilis deliciosa (tangerine).	---	---	---	---	1	New York.
Chrysomphalus aurantii (California red scale).	Citrus limonia (lemon)---	---	---	---	---	2	Pennsylvania.
Chrysomphalus dictyospermi (Coccidae).	do.....	---	---	---	---	1	Do.
Do.....	Citrus sinensis (orange)---	---	---	---	---	2	California.*
Do.....	do.....	---	---	---	---	1	Florida.*
Do.....	do.....	---	---	---	---	2	Pennsylvania.
Do.....	Kentia sp. (palm).....	---	---	---	1	---	Do.
Chrysomphalus dictyospermi var. (Coccidae).	Citrus limonia (lemon)---	---	---	---	---	1	Do.
Do.....	Citrus sinensis (orange)---	---	---	---	---	1	Louisiana.
Crematogaster sp. (ant)---	Cork.....	1	---	---	---	---	Pennsylvania.
Dacus oleae (olive fly)---	Olea europaea (olive)---	---	1	---	---	---	New York.
Ephestia sp. (Pyralidae)---	Allium sativum (garlic)---	1	---	---	---	---	Porto Rico.
Eumerus strigatus (lesser bulb fly).	Allium cepa (onion)---	1	---	---	---	---	Florida.*
Histiostoma sp. (mite)---	do.....	1	---	---	---	---	Pennsylvania.
Hylemyia antiqua (onion maggot).	do.....	1	---	---	---	---	Florida.*
Hylemyia sp. (Anthomyiidae).	Solanum tuberosum (potato).	---	---	---	---	1	New York.
Laspeyresia splendana reaumurana (Olethreutidae)	Castanea sp. (chestnut)---	2	---	---	---	---	Do.
Lepidocyrtus sp. (Collembola).	Solanum tuberosum (potato).	---	---	---	---	1	Pennsylvania.
Lepidosaphes beekii (purple scale).	Citrus limonia (lemon)---	---	---	1	---	---	Florida.*
Do.....	Citrus sinensis (orange)---	---	1	---	---	2	California.*
Do.....	do.....	---	---	---	1	2	Florida.*
Do.....	do.....	---	---	---	1	1	Massachusetts.
Do.....	do.....	1	---	---	---	---	New York.
Do.....	do.....	---	---	---	---	8	Pennsylvania.
Do.....	do.....	---	---	---	---	1	South Carolina.
Lepidosaphes gloverii (Glover's scale.)	do.....	---	---	---	---	2	California.*
Do.....	do.....	---	---	---	2	4	Florida.*
Do.....	do.....	---	---	---	---	1	Louisiana.
Do.....	do.....	---	---	---	---	2	Massachusetts.
Do.....	do.....	---	---	---	---	1	New York.
Do.....	do.....	---	---	---	---	18	Pennsylvania.
Do.....	do.....	---	---	---	---	1	South Carolina.
Parlatoria oleae (Coccidae).	Olea europaea (olive) (bark).	---	1	---	---	---	District of Columbia.
Do.....	Olea europaea (olive)---	---	1	---	---	---	Do.
Parlatoria pergandii (chaff scale).	Citrus sinensis (orange)---	---	---	---	---	5	California.*
Do.....	do.....	---	---	---	2	3	Florida.*
Do.....	do.....	---	---	---	---	2	Louisiana.

*List, by countries, of pests collected and reported from January 1 to December 31, 1928, inclusive—Continued*

Country of origin and name of pest	Host	Number of interceptions in—					Collected in—
		Cargo	Mail	Baggage	Quarters	Stores	
SPAIN—Continued							
Insects—Continued.							
Parlatoria pergandii (chaff scale).	Citrus sinensis (orange)---					2	Massachusetts.
Do-----	do-----					1	New York.
Do-----	do-----					15	Pennsylvania.
Do-----	do-----					1	South Carolina.
Do-----	do-----					1	Do.
Parlatoria sp. (Coccidae)---	Solanum tuberosum (potato).					2	Louisiana.
Do-----	do-----						
Phthorimæa aspercullella (potato tuber worm).	Solanum tuberosum (potato).					2	Pennsylvania.
Do-----	do-----						
Phycitinae (Pyralidae)---	Olea europæa (olive)---		1				District of Columbia.
Do-----	Punica granatum (pomegranate).					1	Pennsylvania.
Pseudococcus citri (citrus mealybug).	Citrus sinensis (orange)---	1					New York.
Pseudococcus sp. (Coccidae).	Punica granatum (pomegranate).					1	Pennsylvania.
Pyralid-----	Muscatel raisin-----	1					Do.
Rhizoglyphus hyacinthi (bulb mite).	Allium cepa (onion)-----					1	Do.
Rhizoglyphus sp. (mite).	Solanum tuberosum (potato).					1	Do.
Saissetia oleæ (black scale).	Olea europæa (olive) (bark).		1				District of Columbia.
Scatopsid-----	Citrus sinensis (orange)---					1	Pennsylvania.
Sciara sp. (Mycetophilidae).	Solanum tuberosum (potato).					1	Do.
Scolytid-----	Ficus sp. (fig) (cutting)---	1					District of Columbia.
Sira sp. (Collembola)---	Geranium (plant)-----				1		Pennsylvania.
Diseases:							
Actinomyces scabies-----	Solanum tuberosum (potato).					2	Florida.*
Do-----	do-----					1	Massachusetts.
Do-----	do-----					1	Pennsylvania.
Aspergillus sp.-----	Allium cepa (onion)-----	1					New York.
Claviceps purpurea-----	Secale cereale (rye)-----	1					Pennsylvania.
Colletotrichum circinans-----	Allium cepa (onion)-----	1					New York.
Fusarium sp.-----	Solanum tuberosum (potato).					1	Florida.*
Penicillium sp.-----	Allium cepa (onion)-----	1					New York.
Do-----	Castanea sp. (chestnut)---	1					Florida.*
Phoma citricarpa-----	Citrus sinensis (orange)---					1	Pennsylvania.
Sphaceloma citri-----	Citrus limonia (lemon)---			1			Florida.*
Spongopora subterranea-----	Solanum tuberosum (potato).					1	Louisiana.
Do-----	do-----					1	Pennsylvania.
STRAITS SETTLEMENTS							
Insects:							
Anisolabis sp. (earwig)---	Ipomoea batatas (sweet-potato).					1	Pennsylvania.
Aspidiotus lataniae (Coccidae).	Citrus grandis (pomelo)---					1	Massachusetts.
Colobius marginatus (Colydiidae).	Ipomoea batatas (sweet-potato).					1	Pennsylvania.
Do-----	do-----						
Colydiid-----	do-----					1	Do.
Cylas turcipennis (Curculionidae).	do-----					3	Do.
SWEDEN							
Insects:							
Chermes sp. (aphid)-----	Pinus sp. (pine)-----				1		Pennsylvania.
Folsomia fimetaria (Collembola).	Solanum tuberosum (potato).					1	Do.
Hylemyia sp. (Anthomyiidae).	Brassica rapa (turnip)---					1	Do.
Rhizoglyphus sp. (mite)---	Allium cepa (onion)-----					1	Do.



List, by countries, of pests collected and reported from January 1 to December 31, 1928, inclusive—Continued

Country of origin and name of pest	Host	Number of interceptions in—					Collected in—
		Cargo	Mail	Baggage	Quarters	Stores	
SWEDEN—Continued							
Diseases:							
Actinomyces scabies.....	Solanum tuberosum (potato).	-----	-----	-----	-----	2	Pennsylvania.
Cephalothecium roseum....	Malus sylvestris (apple) ..	-----	-----	-----	-----	1	Florida.*
Fusarium sp.....	Solanum tuberosum (potato).	-----	-----	-----	-----	1	Do.*
Glomerella cingulata.....	Malus sylvestris (apple) ..	-----	-----	-----	-----	1	Do.*
Phytophthora infestans....	Solanum tuberosum (potato).	-----	-----	-----	-----	1	Do.*
Spondylocadium atrovirens	do.....	-----	-----	-----	-----	1	Pennsylvania.
Rhizoctonia solani.....	do.....	-----	-----	-----	-----	1	Massachusetts.
Venturia inaequalis.....	Malus sylvestris (apple) ..	-----	1	-----	-----	-----	California.*
Do.....	do.....	-----	1	-----	-----	-----	Washington.
SWITZERLAND							
Insects:							
Aspidiotus sp. (Coccidae)...	Stem of unknown host.....	-----	1	-----	-----	-----	District of Columbia.
Balaninus sp. (Curculionidae).	Castanea sp. (chestnut).....	-----	4	-----	-----	-----	California.*
Do.....	do.....	-----	-----	1	-----	-----	District of Columbia.
Forficula auricularia (European earwig).	Dahlia sp.....	-----	1	-----	-----	-----	New York.
Lepidosaphes ulmi (oyster-shell scale).	Stem of unknown host.....	-----	-----	1	-----	-----	District of Columbia.
Psyllid.....	Azalea sp. (cutting).....	-----	1	-----	-----	-----	New York.
Tomocerus flavescens (Columbola).	Dahlia sp.....	-----	1	-----	-----	-----	Do.
SYRIA							
Insects:							
Carpocapsa pomonella (codling moth).	Cydonia oblonga (quince)....	-----	-----	1	-----	-----	New York.
Crematogaster sp. (ant).....	Cedrus sp. (cedar) (cone)....	-----	-----	1	-----	-----	Rhode Island.
Glyciphagus sp. (mite).....	do.....	-----	-----	1	-----	-----	Do.
Madiza sp. (Chloropidae).....	do.....	-----	-----	1	-----	-----	Do.
Parlatoria sp. (Coccidae)....	Rosa sp. (rose) (cutting)....	-----	-----	1	-----	-----	Do.
TAHITI							
Insects:							
Ephestia sp. (Pyralidae)....	Cocos nucifera (copra).....	2	-----	-----	-----	-----	California.*
Do.....	Theobroma cacao (cacao bean).	1	-----	-----	-----	-----	Do.*
Hemichionaspis minor (Coccidae).	Cocos nucifera (coconut)....	-----	1	2	-----	-----	Do.*
Lepidosaphes beekii (purple scale).	Citrus sinensis (orange)....	-----	-----	-----	1	-----	Do.*
Pheidole megacephala (ant)....	In package with avocado seed.	-----	1	-----	-----	-----	District of Columbia.
Prenolepis longicornis (crazy ant).	do.....	-----	1	-----	-----	-----	Do.
Rhizoglyphus sp. (mite).....	Persea americana (avocado) (seed).	-----	1	-----	-----	-----	Do.
Tineid.....	In package with avocado seed.	-----	1	-----	-----	-----	Do.
TANGANYIKA							
Insects:							
Apion sp. (Curculionidae)....	Crotalaria sp.....	1	-----	-----	-----	-----	District of Columbia.
Bruchus cicatricosus (Bruchidae).	Crotalaria sp. (seed).....	1	-----	-----	-----	-----	Do.
Dysdercus sp. (Pyrrhocoridae).	Raw cotton with seed used as packing.	-----	1	-----	-----	-----	Pennsylvania.
Euponera sennaarensis (ant)....	do.....	-----	1	-----	-----	-----	Do.
Oxycaenus hyalinipennis (Lygaeidae).	do.....	-----	2	-----	-----	-----	Do.
TASMANIA							
Insects:							
Blastobasid.....	Atherosperma moschata (seed).	-----	1	-----	-----	-----	District of Columbia.
Psyllid.....	Drimys aromatica.....	-----	1	-----	-----	-----	Do.

List, by countries, of pests collected and reported from January 1 to December 31, 1928, inclusive—Continued

Country of origin and name of pest	Host	Number of interceptions in—					Collected in—
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TRINIDAD							
Insects:							
Anastrepha fraterculus (West Indian fruit fly).	Achras sapota (sapodilla)	---	---	1	---	---	New York.
Aspidiotus lataniae (Coccidae).	Theobroma cacao (cacao bean) (pod).	---	---	1	---	---	Pennsylvania.
Aulacaspis sp. (Coccidae)...	Mangifera indica (mango).	---	---	1	---	---	New York.
Chionaspis citri (orange chionaspis).	Citrus aurantifolia (lime)	---	---	---	1	---	Florida.*
Do.....	do.....	1	---	---	---	---	Massachusetts.
Chrysomphalus dictyospermi (Coccidae).	Theobroma cacao (cacao bean) (pod).	---	---	1	---	---	Pennsylvania.
Ephestia sp. (Pyralidae)...	Theobroma cacao (cacao bean).	6	---	---	---	---	California.*
Lepidosaphes beckii (purple scale).	Citrus aurantifolia (lime)	---	---	---	---	1	Florida.*
Do.....	Citrus sinensis (orange)	---	---	---	1	---	Louisiana.
Do.....	do.....	---	---	---	---	1	Maryland.
Do.....	do.....	---	---	---	---	1	Pennsylvania.
Nasutitermes costalis (termite).	Musa sp. (banana)	---	---	1	---	---	New York.
Olethreutid.....	Citrus sinensis (orange).	---	---	1	---	---	Do.
Parlatoria pergandii (chaff scale).	Citrus aurantifolia (lime)	1	---	---	---	---	Massachusetts.
Pseudaonidia articulatus (rufous scale).	do.....	1	---	---	---	---	Do.
Do.....	Persea americana (avocado).	---	---	---	---	1	Florida.*
Do.....	Theobroma cacao (cacao bean) (pod).	---	---	1	---	---	Pennsylvania.
Scolytid.....	Licuala grandis (seed)...	---	1	---	---	---	District of Columbia.
Diseases:							
Actinomyces scabies.....	Solanum tuberosum (potato).	---	---	---	---	2	Florida.*
Aspergillus sp.....	Citrus aurantifolia (lime)	1	---	---	---	---	Massachusetts.
Penicillium italicum.....	do.....	1	---	---	---	---	Do.
Sphaeloma citri.....	Citrus sinensis (orange)	---	---	---	1	---	Pennsylvania.
Spondylocadium atrovirens	Solanum tuberosum (potato).	---	---	---	---	2	Florida.*
TURKEY							
Insects:							
Aspidiotus hederæ (ivy scale).	Citrus limonia (lemon)	---	---	---	---	1	Pennsylvania.
Balaninus sp. (Curculionidae).	Quercus sp. (valonia)	2	---	---	---	---	New York.
Callirhytis glandium (Cynipidae).	do.....	2	---	---	---	---	Do.
Callirhytis sp. (Cynipidae)	Quercus sp. (acorn)	1	---	---	---	---	Do.
Chrysomphalus aurantii (California red scale).	Citrus limonia (lemon)	---	---	---	---	1	Pennsylvania.
Ephestia sp. (Pyralidae)...	Corylus avellana (filbert).	1	---	---	---	---	California.*
Do.....	Quercus sp. (valonia)	1	---	---	---	---	New York.
Noctuid.....	Quercus sp. (acorn)	1	---	---	---	---	Do.
Olethreutid.....	Quercus sp. (valonia)	2	---	---	---	---	Do.
Pyralid.....	do.....	1	---	---	---	---	Do.
UGANDA							
Insects:							
Apion sp. (Curculionidae)	Legume seed.....	---	1	---	---	---	District of Columbia.
Meligethes sp. (Nitidulidae).	Trifolium sp. (seed)	---	1	---	---	---	Do.
URUGUAY							
Insects:							
Scolytid.....	Trithrinax campestris (seed).	---	1	---	---	---	District of Columbia.
Diseases:							
Actinomyces scabies.....	Solanum tuberosum (potato).	---	---	---	---	1	Louisiana.
VENEZUELA							
Insects:							
Ephestia sp. (Pyralidae)...	Theobroma cacao (cacao bean).	4	---	---	---	---	California.*
Do.....	do.....	1	---	---	---	---	Washington.

List, by countries, of pests collected and reported from January 1 to December 31, 1928, inclusive—Continued

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		Cargo	Mail	Baggage	Quarters	Stores	
VENEZUELA—Continued							
Insects—Continued.							
Lepidosaphes beckii (purple scale).	Citrus sinensis (orange).....					1	Florida.*
Pseudoparlatoria parlatorioides (Coccidae).	Orchid.....	1					District of Columbia.
Diseases:							
Colletotrichum gloeosporioides.	Citrus sinensis (orange).....					1	Florida.*
VIRGIN ISLANDS							
Insects:							
Bruchid.....	Coccothrinax argentea (seed).		1				District of Columbia.
Calliphorid.....	Cajanus indicus (pigeon pea).			1			Porto Rico.
Heliothis sp. (Noctuidae).....	Allium schoenoprasum (chive).			1			Do.
Do.....	Cajanus indicus (pigeon pea).			1			Do.
Pentatomid.....	do.....			1			Do.
Scymnus ochroderus (Coccinellidae).	Capsicum annuum (pepper).	1					New York.
Targionia hartii (Coccidae).	Dioscorea sp. (yam).....			1			Pennsylvania.
WALES							
Insects:							
Sclara sp. (Mycetophilidae).	Allium cepa (onion).....					1	South Carolina.
Diseases:							
Actinomyces scabies.....	Solanum tuberosum (potato).					1	Florida.*
Do.....	do.....					1	Massachusetts.
WEST AFRICA							
Insects:							
Lepidocyrtus sp. (Collembola).	Allium cepa (onion).....					1	Pennsylvania.
Lepidosaphes beckii (purple scale).	Citrus sinensis (orange).....					1	Do.
WESTERN AUSTRALIA							
Insects:							
Anobiid.....	In soil around unlabeled bulbs.		1				District of Columbia.
Tortricid.....	Gladiolus sp.....		1				Do.
WEST INDIES							
Insects:							
Aspidiotus hederae (ivy scale).	Jasminum sp. (jasmine).....					1	Florida.*
Asterolecanium sp. (Coccidae).	Bamboo.....			1			New York.
Diaspis bromeliae (Coccidae).	Cocos nucifera (coconut stem).					1	Pennsylvania.
Lepidosaphes beckii (purple scale).	Citrus sinensis (orange).....					1	Do.
Pseudococcus sp. Coccidae).	Cocos nucifera (coconut).....				1		Do.
Diseases:							
Penicillium sp.....	Cactaceae.....				1		Do.





